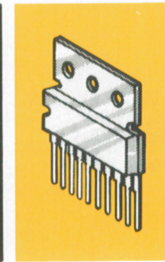
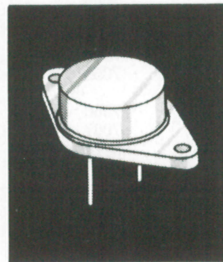
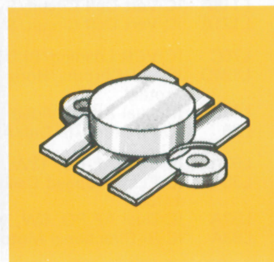
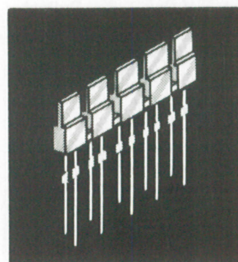
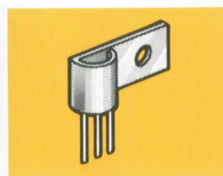
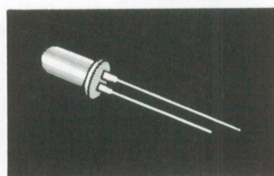
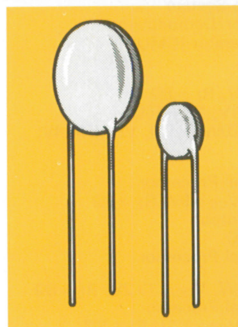
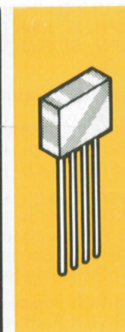
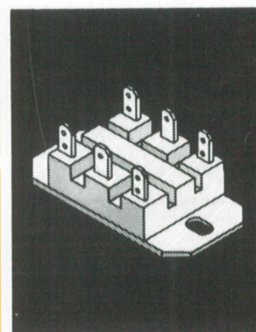
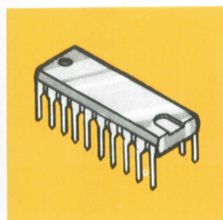
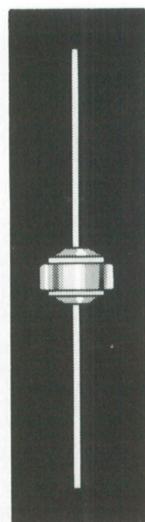
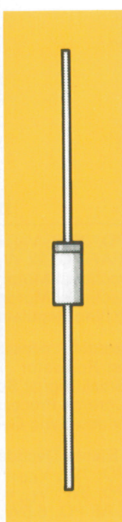
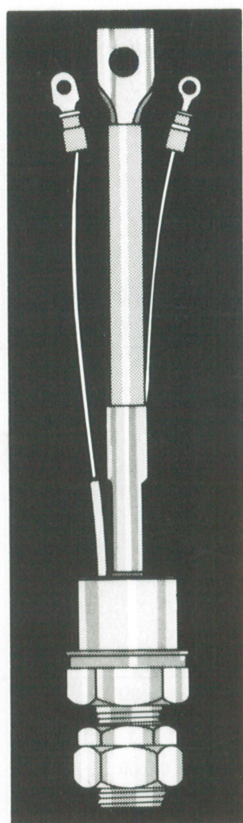


ECG[®]

SEMICONDUCTORS

MASTER REPLACEMENT GUIDE

Supplement No. 1 To 212Q



- Industrial
- Commercial
- Entertainment
- Equipment Maintenance and Repair

Philips ECG



PHILIPS

Introduction

Supplement No. 1 to ECG Semiconductor Master Replacement Guide 212Q provides technical information on 72 new devices, plus over 8,100 additional crosses and changes.

For proper use of this supplement, reference should be made to the Replacement Procedures section in ECG Semiconductor Master Replacement Guide 212Q.

The technical data given in this publication are intended to show safe areas of ECG device operation and level of performance. They are not to be considered limits for new equipment design. We cannot guarantee that the listed items provide an exact replacement in all applications.

Philips ECG PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT APPLICATIONS.

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891SM	3	L159	IC-Dual Op-Amp, Internally Compensated
999	3	L16	IC-Adjustable Precision Shunt Regulator
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2391	1	T41	MOSFET, N-Ch, Enhancement, Hi Speed Sw
2393	1	T48	MOSFET, N-Ch, Enhancement, Hi Speed Sw
2394	1	T48	MOSFET, N-Ch, Enhancement, Hi Speed Sw
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Bi-Polar Transistors (Maximum Ratings at $T_C = 25^\circ\text{C}$)

ECG Type	Description and Application	Collector To Base Volts BV_{CB0}	Collector To Emitter Volts BV_{CE0}	Base to Emitter Volts BV_{EB0}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG2347	NPN-Si, Hi Current, Sw, $t_f = .3 \mu\text{sec}$ Typ	120	80	6	4	1	50	40 min	TO-39	T6
ECG2348	NPN-Si, HV, Hi Current, $t_f = .3 \mu\text{sec}$ Typ	900	800	7	10	150	15	8 min	TO-3PJ	T48-1
ECG2353	NPN-Si, Horiz Sw w/Damper Diode, $t_f = .3 \mu\text{sec}$ Max	1500	800	6	10	70	---	8 min	TO-3PM	T48-3
ECG2354	NPN-Si, Horiz Out, HV, Sw, $t_f = .2 \mu\text{sec}$ Max	1500	800	6	10	150	---	8 min	TO-3PJ	T48-1

Power MOSFET Transistors (Observe MOS Handling) ▲

ECG Type	Description and Application	Transconductance gfs mhos	Drain to Source Breakdown Voltage BV_{DS}	Gate to Source Breakdown Voltage BV_{GS}	Continuous Drain Current I_D Amps	Gate to Source Cutoff Voltage V_{GS} (off)	Drain to Source Resistance r_{DS} (on) Ohms	Input Cap C_{iss} pf	Device Dissipation @ $T_C = 25^\circ\text{C}$ P_D Watts	Package	
										Case	Fig. No.
ECG2389 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	8 Min	60 Min	± 30 Max*	35	4 Max td(off) = 160 ns, td(on) = 40 ns, $t_f = 130$ ns, $t_r = 90$ ns	.045 Max	2000 Max	125 Max	TO-220	T41
ECG2391 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	2.1 Min	400 Min	± 30 Max*	4	4 Max td(off) = 65 ns, td(on) = 20 ns, $t_f = 40$ ns, $t_r = 60$ ns	1.8 Max	500 Max	75 Max	TO-220	T41
ECG2393 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	5 Min	500 Min	± 20 Max*	9	4 Max td(off) = 170 ns, td(on) = 40 ns, $t_f = 40$ ns, $t_r = 60$ ns	.7 Max	1900 Max	150 Max	TO-3P (TO-218)	T48
ECG2394 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	9 Min	500 Min	± 20 Max*	14	4 Max td(off) = 150 ns, td(on) = 35 ns, $t_f = 70$ ns, $t_r = 50$ ns	.4 Max	3000 Max	180 Max	TO-3P (TO-218)	T48

Fig. T6
TO-39
ECG
2347

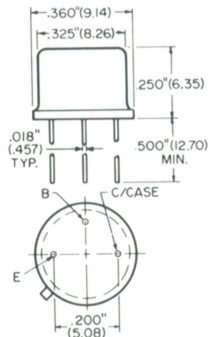


Fig. T41
TO-220
ECG
2389
2391

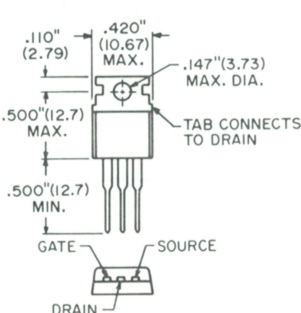


Fig. T48
TO-3P
ECG
2393
2394

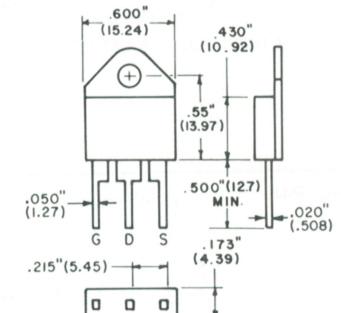


Fig. T48-1
TO-3PJ
ECG
2348
2354

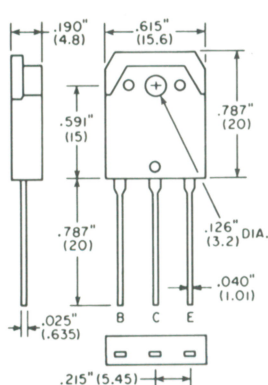
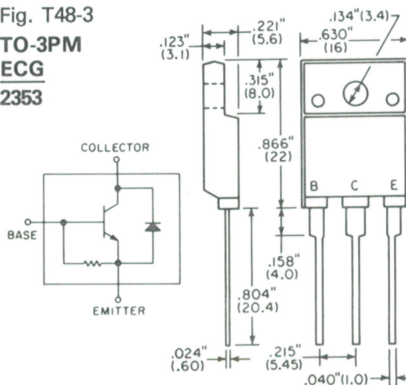
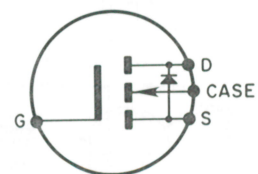


Fig. T48-3
TO-3PM
ECG
2353



Enhancement N-Ch MOSFET

ECG
2389
2391
2393
2394



* Warning - Exceeding BV_{GS} maximum will result in permanent damage to the gate region oxide layer.

General Purpose Rectifier

ECG Type	Description	Peak Reverse Voltage PRV Max V	Average Rectified Forward Current I _O Max	Forward Current Repetitive Peak I _{FRM} Max	Reverse Recovery Time t _{rr}	Forward Voltage Drop Max V _F	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG569	Fast Sw, Soft Recovery	Si 600	3 A	100 A	200 ns	1.1 V		●	●	●	Z6A

Schottky Barrier Rectifier

ECG Type	Peak Reverse Voltage PRV (V)	Average Rectified Forward Current I _O (A)	Surge I _{FM} (A)	TC @ Rated I _O Max °C	Forward Voltage Drop @ Rated I _O V _F (V)	Fig. No.
ECG6083	45	10	150	+ 120	.60	Z41A

PIN Diode

ECG Type	Description and Application	Max. Power (mW)	V (BR) R Min. (Volts)	IR Max. (nA)	C _T Max. (pf)	LS Typ. (nH)	RA Max. (Ohms)	Fig. No.
ECG555A	Si PIN Diode, Gen Purp & VHF Switch	250	35	100	1.2	---	0.7	Z11A

Discrete LED Indicators

ECG No.	Description/Application	Viewed Color	Forward Voltage V _F (V)	Reverse Voltage V _R (V)	Max DC Forward Current I _F (mA)	Maximum Power Diss. P _D (mW)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	Qty Per Pkg	Fig. No.
ECG3014A	Panel Circuit Indicators, Low Drive Power, High Intensity Visible Emission	Green	2.8	4.0	25	70	30	10	2	P4A

Fig. Z6A

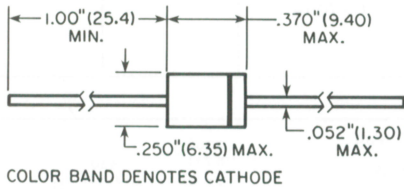


Fig. Z11A

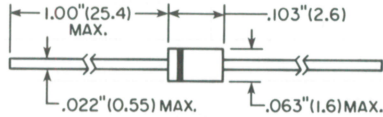


Fig. Z41A

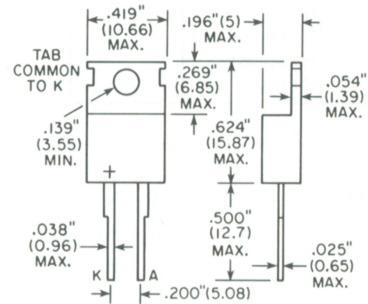
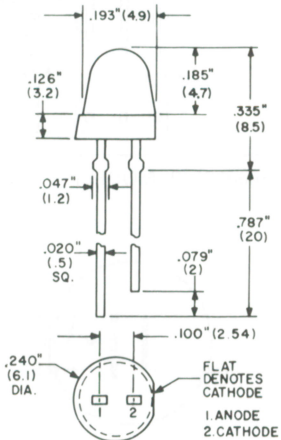
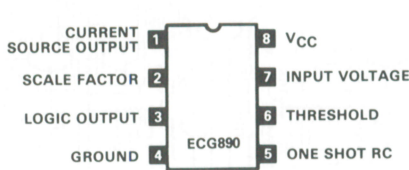
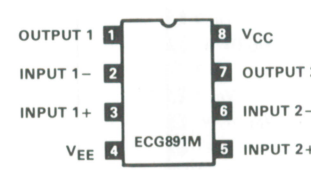
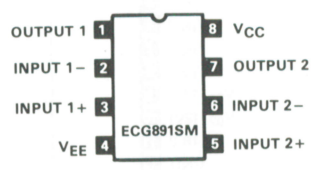
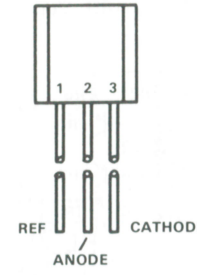
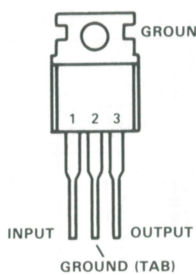
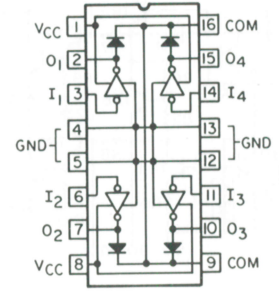
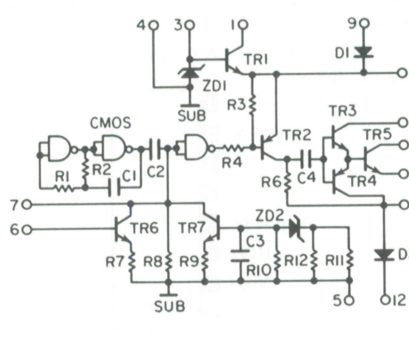
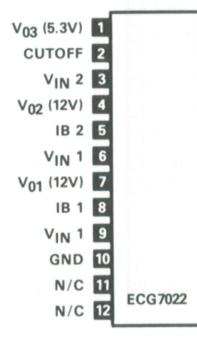
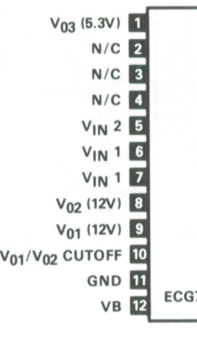
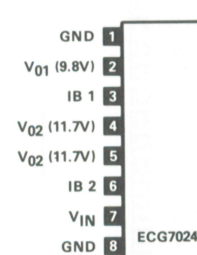
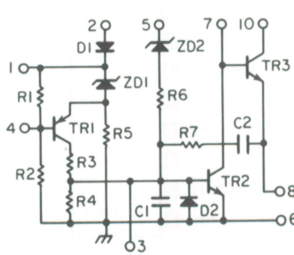
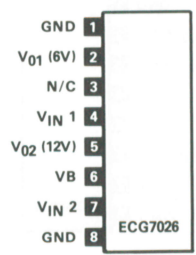


Fig. P4A



IC and Module Circuits

<p>ECG890 8-Pin DIP See Fig. L98 Voltage to Frequency Converter</p> 	<p>ECG891M 8-Pin DIP See Fig. L97 Dual Op Amp, Internally Compensated, $V_{CC} = +15V$, $V_{EE} = -15V$</p> 	<p>ECG891SM 8-Pin SOIC See Fig. L159 Dual Op Amp, Internally Compensated, $V_{CC} = +15V$, $V_{EE} = -15V$</p> 
<p>ECG999 TO-92 See Fig. L16 Adjustable Precision Shunt Regulator, $V_{REF} = 2.5V$, $ADJ = V_{REF}$ to 36V</p> 	<p>ECG1910 TO-220 See Fig. L17 Pos VR, 9V @ 1A</p> 	<p>ECG2033 16-Pin DIP See Fig. L111 4 Unit Darlington Array/Driver (Low Input Active), $I_O \text{ Max}^* = 1.5A$, $V_{CC} = 5V$</p> 
<p>ECG7021 16-Pin SIP See Fig. L72B Switching Regulator</p> 	<p>ECG7022 12-Pin SIP-M See Fig. L67C VCR Positive DC VR: 12V @ 1.5A, 12V @ 1.5A, 5.3V @ 1A</p> 	<p>ECG7023 12-Pin SIP-M See Fig. L67C VCR Positive DC VR: 12V @ 1A, 12V @ 1A, 5.3V @ 1A</p> 
<p>ECG7024 8-Pin SIP-M See Fig. L60A VCR Positive DC VR: 9.8V @ 1A, 11.7V @ 2A</p> 	<p>ECG7025 10-Pin SIP-M See Fig. L65A Switching Regulator</p> 	<p>ECG7026 8-Pin SIP-M See Fig. L60A VCR Positive DC VR: 6V @ .5A, 12V @ 1A</p> 

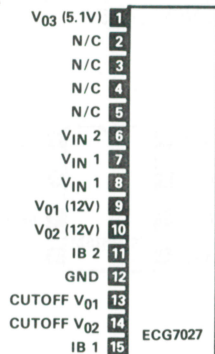
The ECG products shown above are intended for replacement use only. Detailed specifications are not available.
* $I_O \text{ Max}$ = Current Per Transistor.

IC and Module Circuits (cont'd)

ECG7027

15-Pin SIP See Fig. L70C

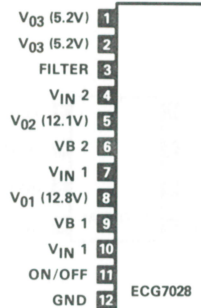
VCR Positive DC VR: 12V @ 1A, 12V @ 1A, 5.1V @ .5A



ECG7028

12-Pin SIP-M See Fig. L67C

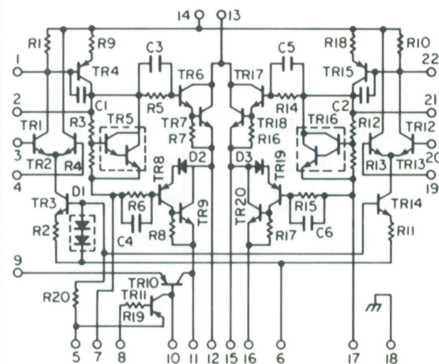
VCR Positive DC VR: 12.8V @ 1A, 12.1V @ 1A, 5.2V @ 1A



ECG7029

22-Pin SIP See Fig. L162

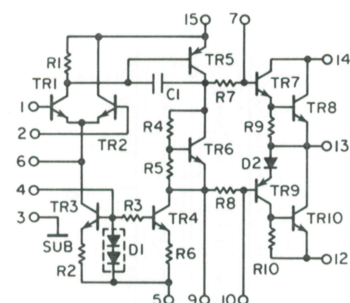
Dual AF PO, 100W, $R_L = 8\Omega$, $V_{CC} = \pm 51V$



ECG7030

15-Pin SIP-M See Fig. L69A

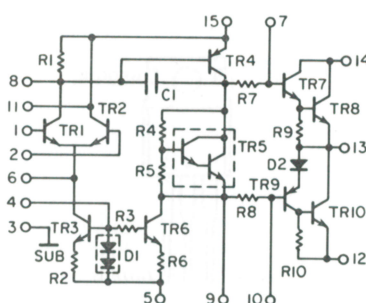
AF PO, 50W, $R_L = 8\Omega$, $V_{CC} = \pm 35V$



ECG7031

15-Pin SIP-M See Fig. L70B

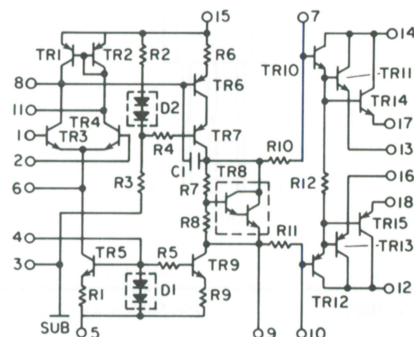
AF PO, 100W, $R_L = 8\Omega$, $V_{CC} = \pm 51V$



ECG7032

18-Pin SIP See Fig. L75D

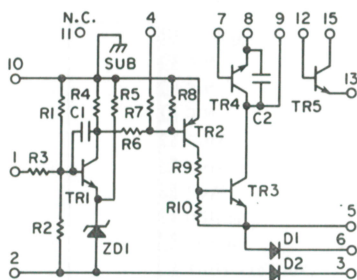
AF PO, 120W, $R_L = 8\Omega$, $V_{CC} = \pm 55V$



ECG7033

15-Pin SIP See Fig. L70D

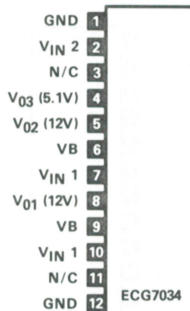
Switching Regulator



ECG7034

12-Pin SIP-M See Fig. L67C

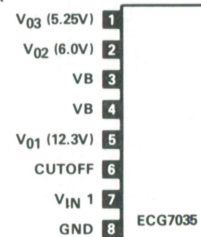
VCR Positive DC VR: 12V @ 1A, 12V @ 1A, 5.1V @ 1A



ECG7035

8-Pin SIP-M See Fig. L60A

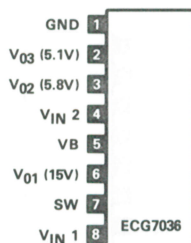
VCR Positive DC VR: 12.3V @ 1A, 6V @ 1A, 5.25V @ .6A



ECG7036

8-Pin SIP-M See Fig. L60B

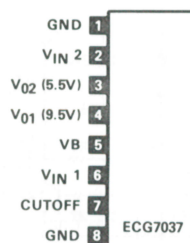
VCR Positive DC VR: 15V @ 1A, 5.8V @ 1A, 5.1V @ 1A



ECG7037

8-Pin SIP-M See Fig. L60A

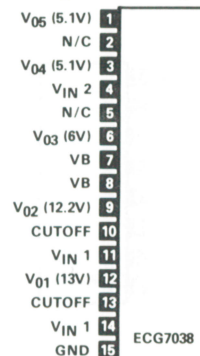
VCR Positive DC VR: 9.5V @ 1A, 5.5V @ 1A



ECG7038

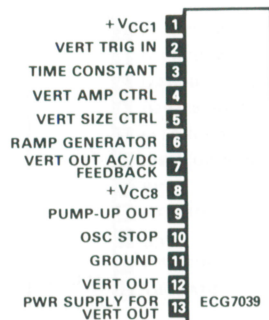
15-Pin SIP-M See Fig. L69A

VCR Positive DC VR: 13V @ 1A, 12.2V @ 1A, 6V @ 1A, 5.1V @ 1A, 5.1V @ 1A

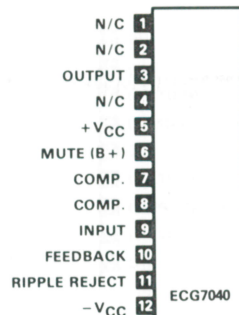


IC and Module Circuits (cont'd)

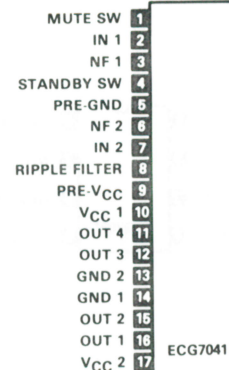
ECG7039 13-Pin SIP-HS See Fig. L92B
TV Vertical Deflection Output, $V_{CC1} = 12V$,
 $V_{CC8} = 24V$



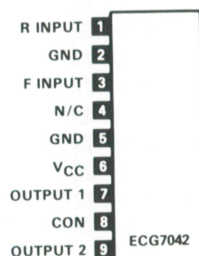
ECG7040 12-Pin SIP-HS See Fig. L92
AF PO, 20W, $V_{CC} = \pm 25V$, $R_L = 8\Omega$



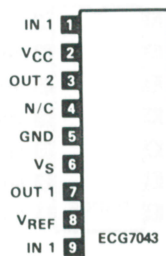
ECG7041 17-Pin SIP See Fig. L57C
Dual AF PO, 22W, $V_{CC} = 13.2V$, $R_L = 4\Omega$



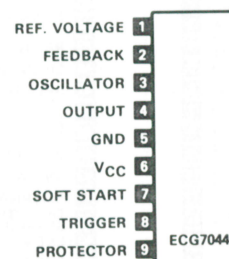
ECG7042 9-Pin SIP See Fig. L40
Bi-directional Motor Driver, $I_O = .7A$,
 $V_{CC} = 9V$



ECG7043 9-Pin SIP See Fig. L39
Bi-directional Motor Driver, $I_O = 1A$,
 $V_{CC} = 12V$



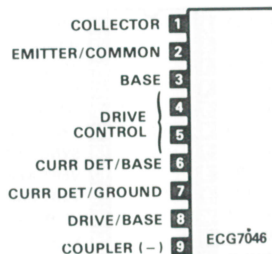
ECG7044 9-Pin SIP See Fig. L41
Switching Regulator Control Circuit,
 $V_{CC} = 12V$



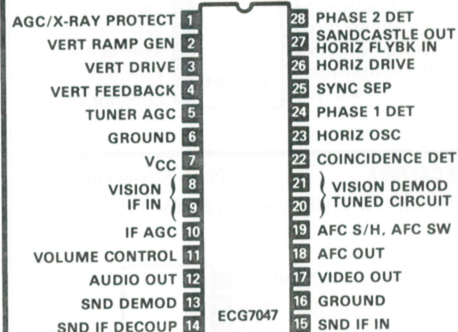
ECG7045 12-Pin SIP See Fig. L43A
Horizontal Processor, $V_{CC} = 11V$



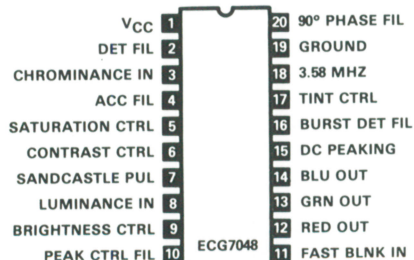
ECG7046 9-Pin SIP-HS See Fig. L79A
Power Regulator



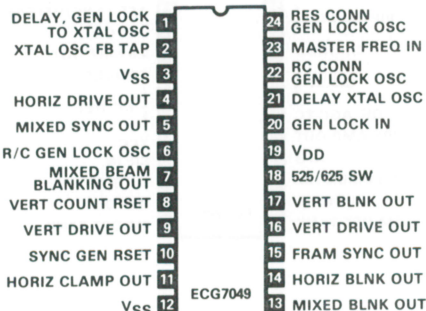
ECG7047 28-Pin DIP See Fig. L124
TV Small Signal Sub-System, $V_{CC} = 12V$ Typ



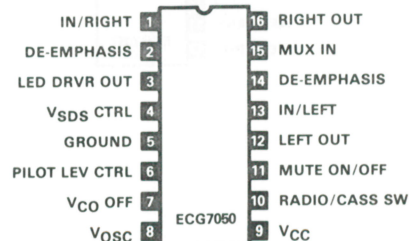
ECG7048 20-Pin DIP See Fig. L118A
TV Chroma Processor/Demodulator,
 $V_{CC} = 12V$ Typ



ECG7049 24-Pin DIP See Fig. L122
TV Video Sync Generator (CMOS),
 $V_{DD} = +4$ to $+15V$



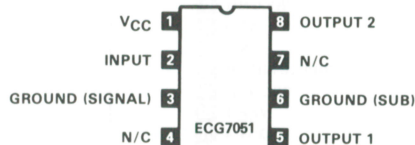
ECG7050 16-Pin DIP See Fig. L112
PLL Stereo Decoder, $V_{CC} = 8.5V$ Typ



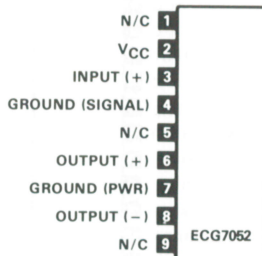
The ECG products shown above are intended for replacement use only. Detailed specifications are not available.

IC and Module Circuits (cont'd)

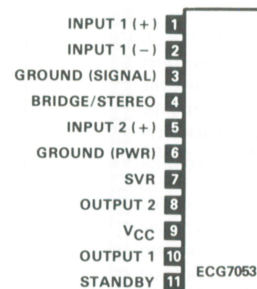
ECG7051 8-Pin DIP See Fig. L97
AF PO, 1W, $V_{CC}=6V$, $R_L=8\Omega$



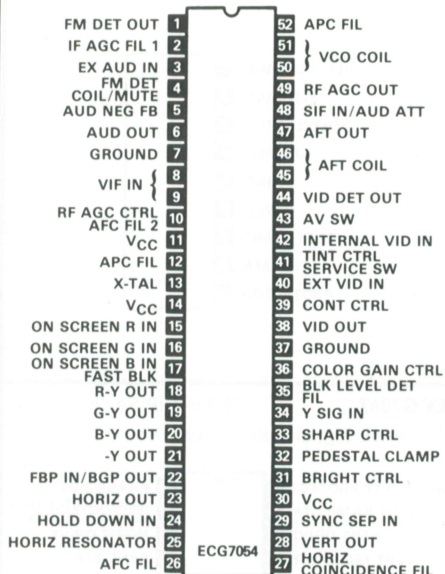
ECG7052 9-Pin SIP-HS See Fig. L79
AF PO, 3W, $V_{CC}=11V$ Typ, $R_L=16\Omega$



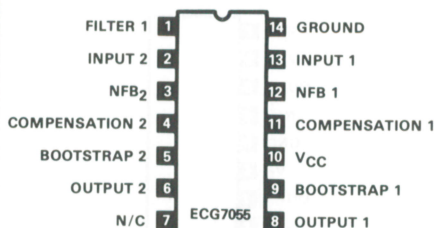
ECG7053 11-Pin Formed SIP See Fig. L93
Dual AF PO, 6.5W, 20W (BTL), $V_{CC}=14.4V$, $R_L=4\Omega$



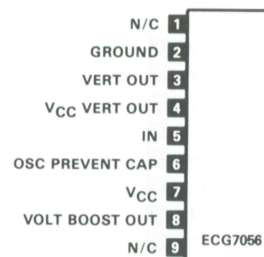
ECG7054 52-Pin DIP See Fig. L126C
Single Chip TV Signal Processor, $V_{CC}=9V$ Typ



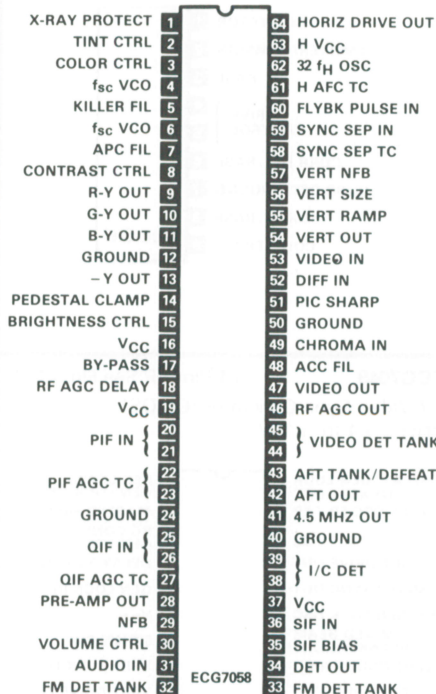
ECG7055 14-Pin DIP-ET See Fig. L146
Dual AF PO, 1.2W, $V_{CC}=9V$, $R_L=8\Omega$



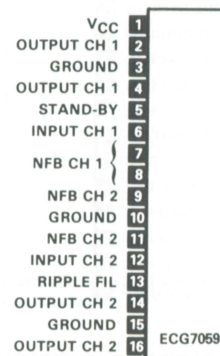
ECG7056 9-Pin SIP-HS See Fig. L80B
Vertical Deflection Output, $V_{CC}=24V$ Typ



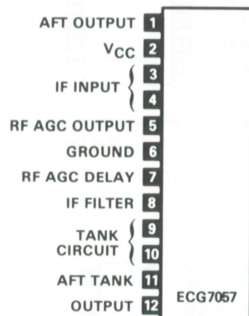
ECG7058 64-Pin DIP See Fig. L126B
Single Chip TV Signal Processor, $V_{CC}=9V$ Typ



ECG7059 16-Pin SIP-HS See Fig. L93C
Dual BTL AF PO, 14W, $V_{CC}=13.2V$, $R_L=8\Omega$

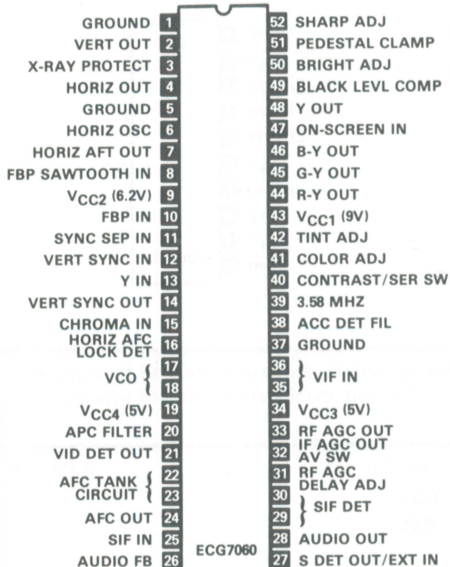


ECG7057 12-Pin SIP See Fig. L43C
TV SIF/AFT/RF AGC, $V_{CC}=9V$ Typ

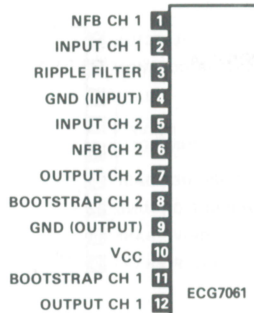


IC and Module Circuits (cont'd)

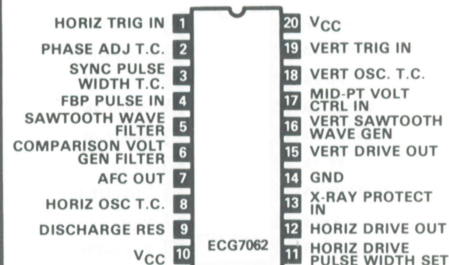
ECG7060 52-Pin DIP See Fig. L126C
Single Chip TV Signal Processor,
Vcc1=9V Typ



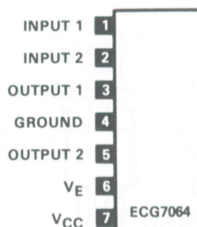
ECG7061 12-Pin SIP-HS See Fig. L92
Dual AF PO, 5.8W, Vcc=12V, RL=3Ω



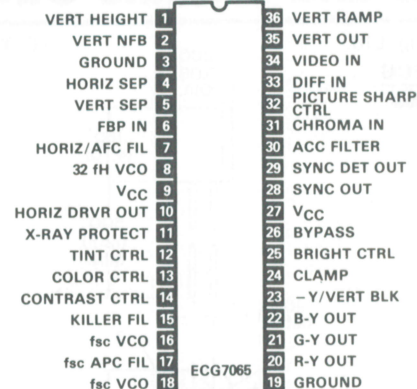
ECG7062 20-Pin DIP See Fig. L118A
Vertical Deflection Circuit/Sync/H-V Osc/
X-Ray Protect, Vcc=12V Typ



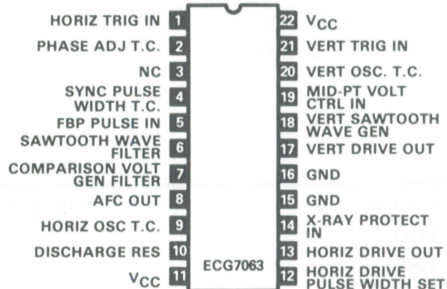
ECG7064 7-Pin SIP-HS See Fig. L76C
VCR Loading/Bi-directional Motor Driver,
Io=1A, Vcc=18V Typ



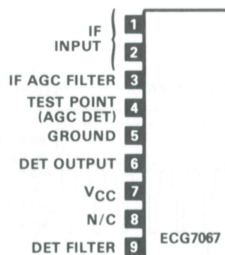
ECG7065 36-Pin DIP See Fig. L124D
Video/Chroma/Horiz-Vert Drvr/Osc/Sync/
X-Ray Protect, Vcc=9V Typ



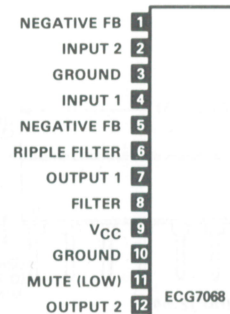
ECG7063 22-Pin DIP See Fig. L121A
Vertical Deflection Circuit/Sync/H-V Osc/
X-Ray Protect, Vcc=12V Typ



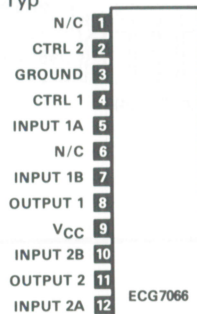
ECG7067 9-Pin SIP See Fig. L36
VIF/Amp/IF Det/AGC, Vcc=9V Typ



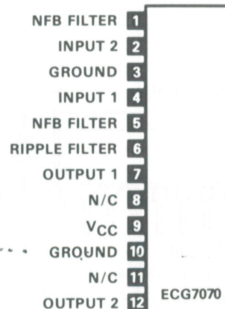
ECG7068 12-Pin SIP-HS See Fig. L92A
Dual AF PO with Mute, 13W, Vcc=28V,
RL=8Ω



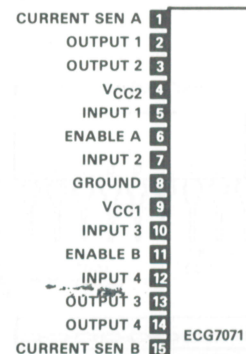
ECG7066 12-Pin SIP See Fig. L43B
Dual Audio/Video Electronic Switch,
Vcc=12V Typ



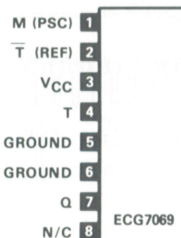
ECG7070 12-Pin SIP-HS See Fig. L92A
Dual AF PO, 6W, Vcc=20V, RL=8Ω



ECG7071 15-Pin SIP-HS See Fig. L93A
Bi-directional Motor Driver, Io=2A,
Vcc1=5V, Vcc2=42V



ECG7069 8-Pin SIP See Fig. L35
PLL Hi-Speed Divider w/ECL Output
(1/128, 1/136),
Vcc=5V Typ

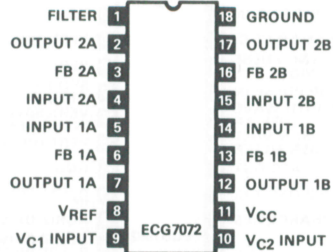


IC and Module Circuits (cont'd)

ECG7072

18-Pin DIP See Fig. L115

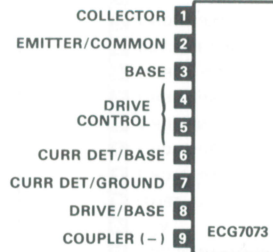
Dual Tandem Electronic Attenuator,
V_{CC} = 13.2V Typ



ECG7073

9-Pin SIP-HS See Fig. L79A

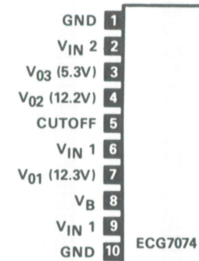
Power Regulator



ECG7074

10-Pin SIP-M See Fig. L65A

VCR Positive DC VR: 12.3V @ 1A,
12.2V @ 1A, 5.3V @ 1A



The ECG products shown above are intended for replacement use only. Detailed specifications are not available.

IC and Module Outlines

Fig. L16

ECG
999

TO-92

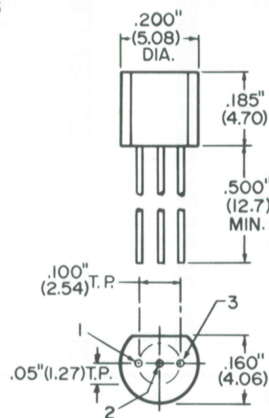


Fig. L17

ECG
1910

TO-220

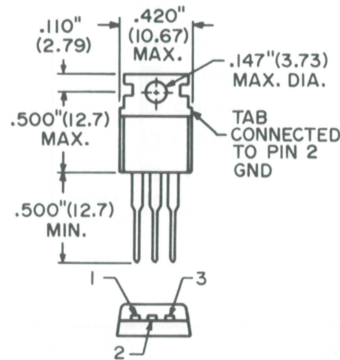


Fig. L35

ECG
7069

8-Pin SIP

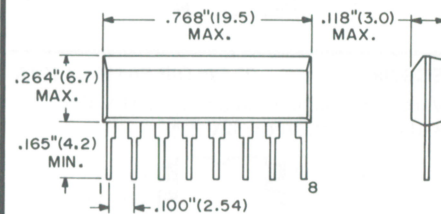


Fig. L36

ECG
7067

9-Pin SIP

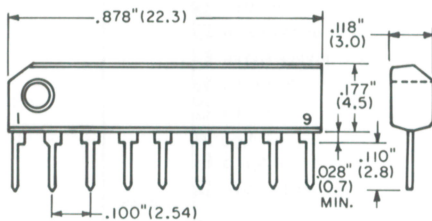


Fig. L39

ECG
7043

9-Pin SIP

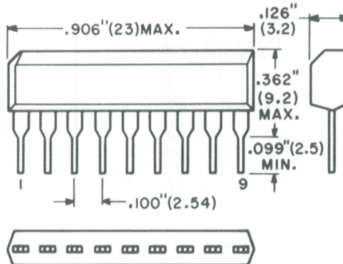


Fig. L40

ECG
7042

9-Pin SIP

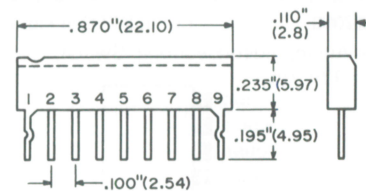


Fig. L41

ECG
7044

9-Pin SIP

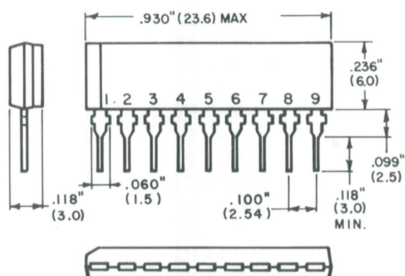


Fig. L43A

ECG
7045

12-Pin SIP

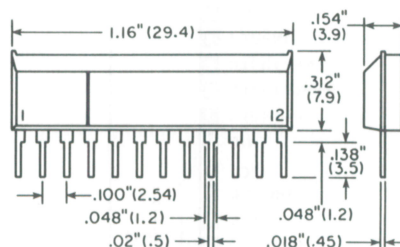
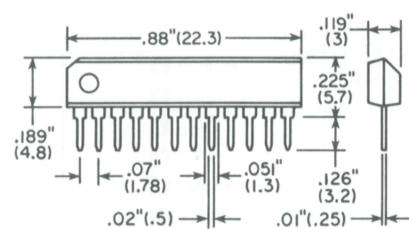


Fig. L43B

ECG
7066

12-Pin SIP



IC and Module Outlines (cont'd)

Fig. L43C

12-Pin SIP

ECG
7057

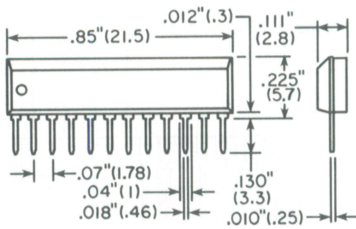


Fig. L57C

17-Pin SIP

ECG
7041

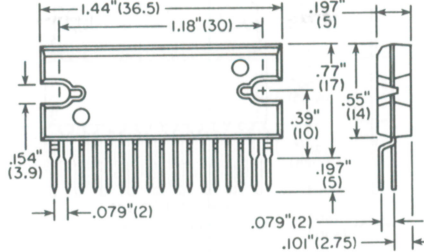


Fig. L60A

8-Pin SIP-M

ECG
7024 7035
7026 7037

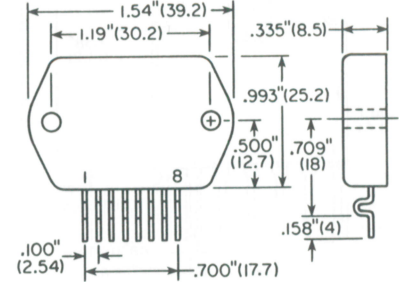


Fig. L60B

8-Pin SIP-M

ECG
7036

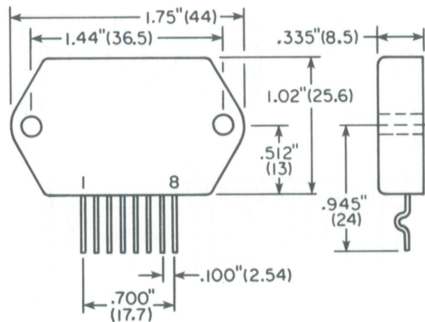


Fig. L65A

10-Pin SIP-M

ECG
7025 7074

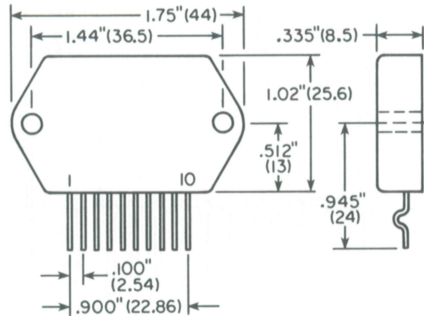


Fig. L67C

12-Pin SIP-M

ECG
7022 7028
7023 7034

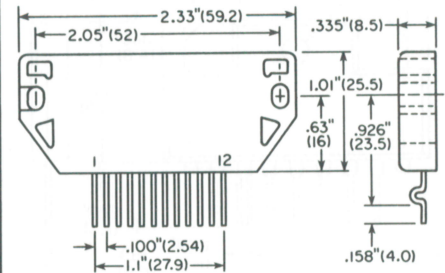


Fig. L69A

15-Pin SIP-M

ECG
7030 7038

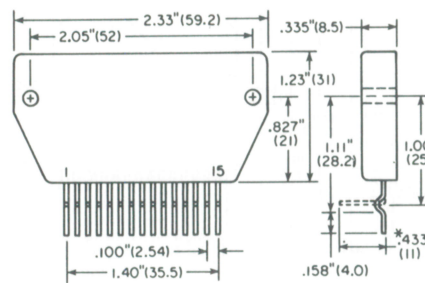


Fig. L70B

15-Pin SIP-M

ECG
7031

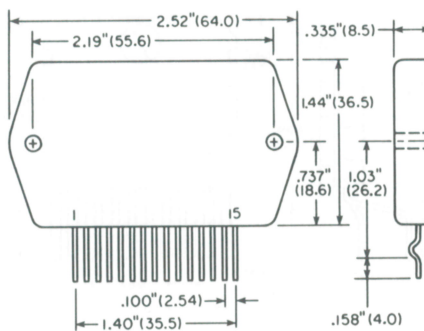


Fig. L70C

15-Pin SIP

ECG
7027

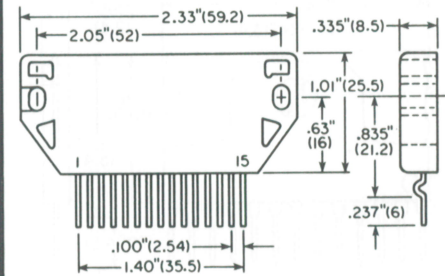


Fig. L70D

15-Pin SIP

ECG
7033

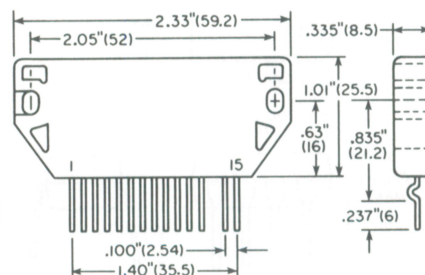


Fig. L72B

16-Pin SIP

ECG
7021

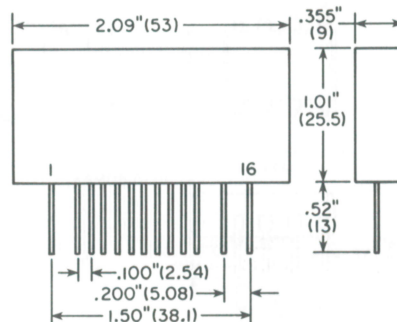
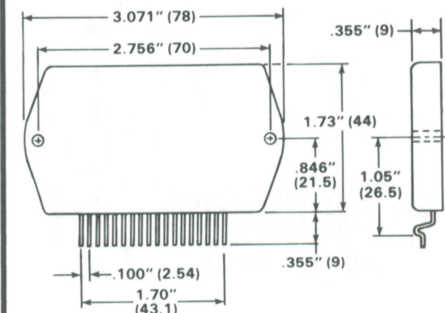


Fig. L75D

18-Pin SIP

ECG
7032



IC and Module Outlines (cont'd)

Fig. L76C

7-Pin SIP-HS

ECG
7064

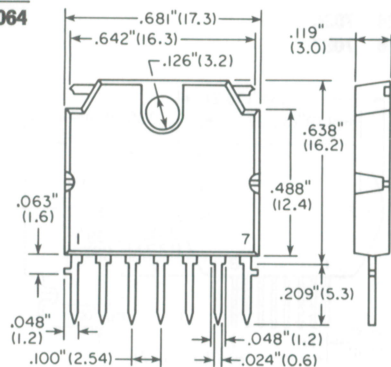


Fig. L79

9-Pin SIP-HS

ECG
7052

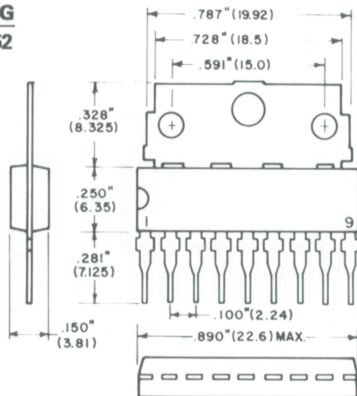


Fig. L79A

9-Pin SIP-HS

ECG
7046
7073

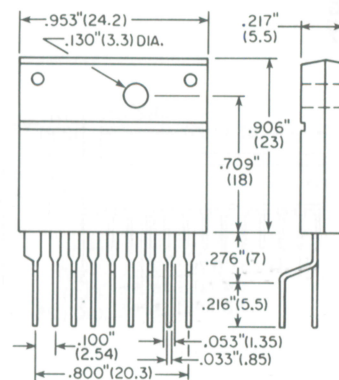


Fig. L80B

9-Pin SIP-HS

ECG
7056

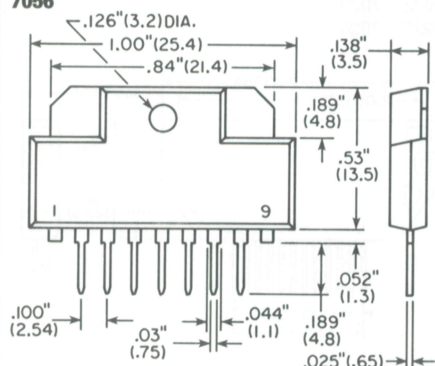


Fig. L92

12-Pin SIP-HS

ECG
7040
7061

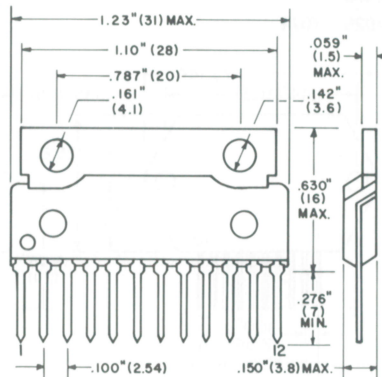


Fig. L92A

12-Pin SIP-HS

ECG
7068 7070

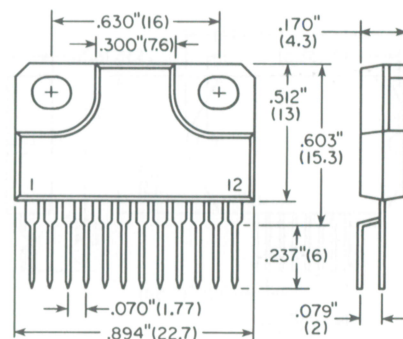


Fig. L92B

13-Pin SIP-HS

ECG
7039

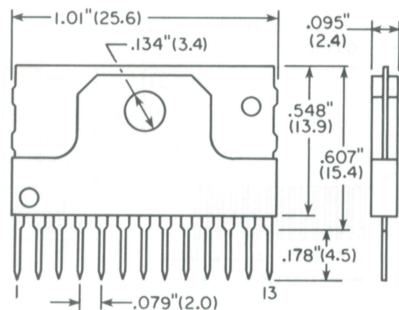


Fig. L93

11-Pin SIP-HS

ECG
7053

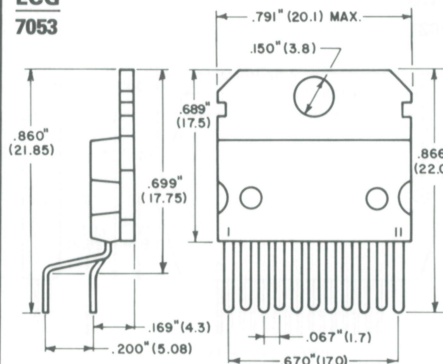


Fig. L93A

15-Pin SIP-HS

ECG
7071

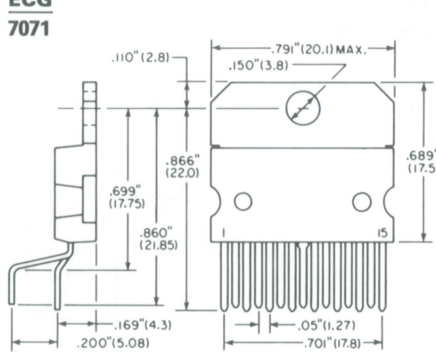


Fig. L93C

16-Pin SIP-HS

ECG
7059

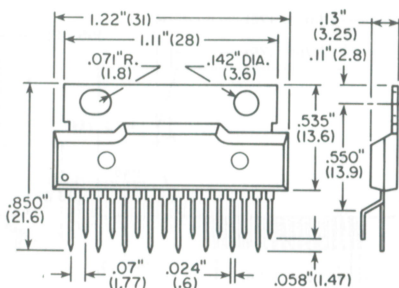


Fig. L97

8-Pin DIP

ECG
891M 7051

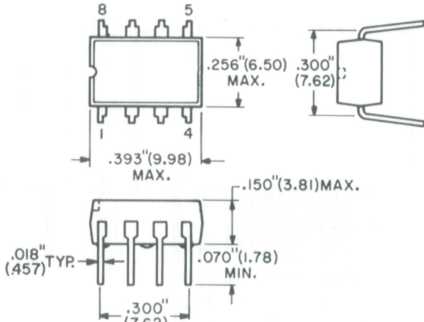
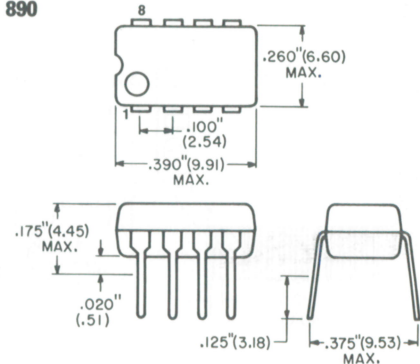


Fig. L98

8-Pin DIP

ECG
890



IC and Module Outlines (cont'd)

Fig. L111

16-Pin DIP

ECG
2033

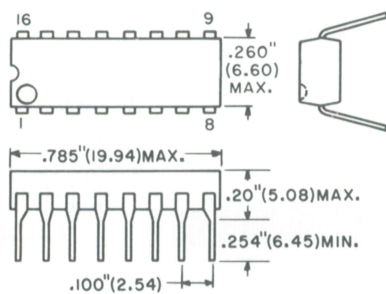


Fig. L112

16-Pin DIP

ECG
7050

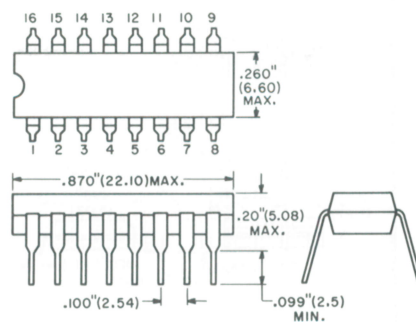


Fig. L115

18-Pin DIP

ECG
7072

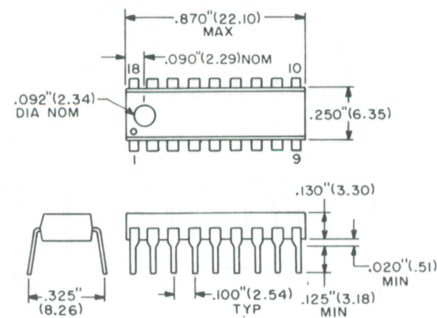


Fig. L118A

20-Pin DIP

ECG
7048 7062

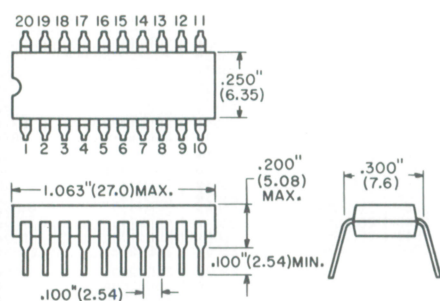


Fig. L121A

22-Pin DIP

ECG
7063

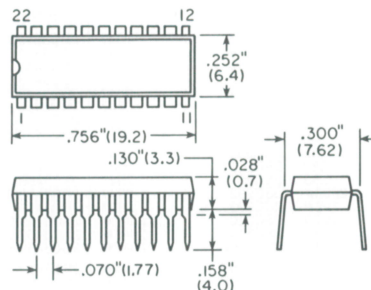


Fig. L122

24-Pin DIP

ECG
7049

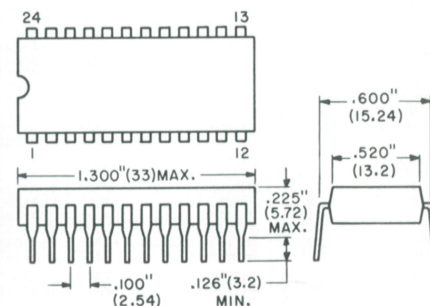


Fig. L124

28-Pin DIP

ECG
7047

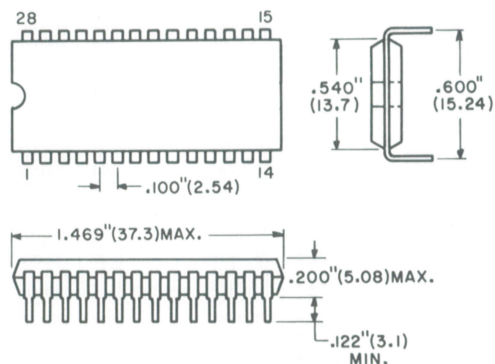


Fig. L124D

36-Pin DIP

ECG
7065

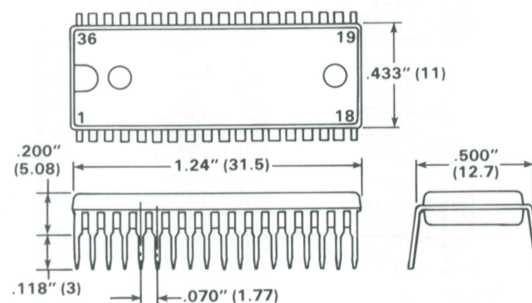


Fig. L126B

64-Pin DIP

ECG
7058

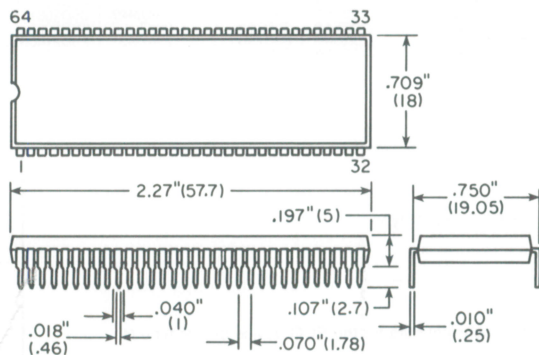
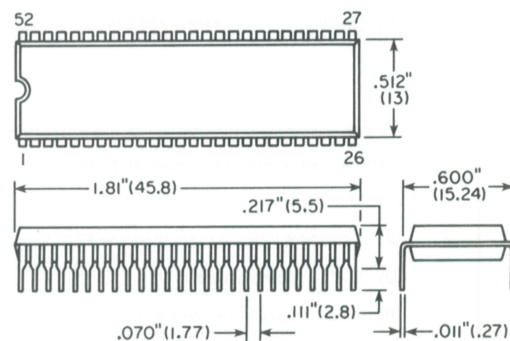


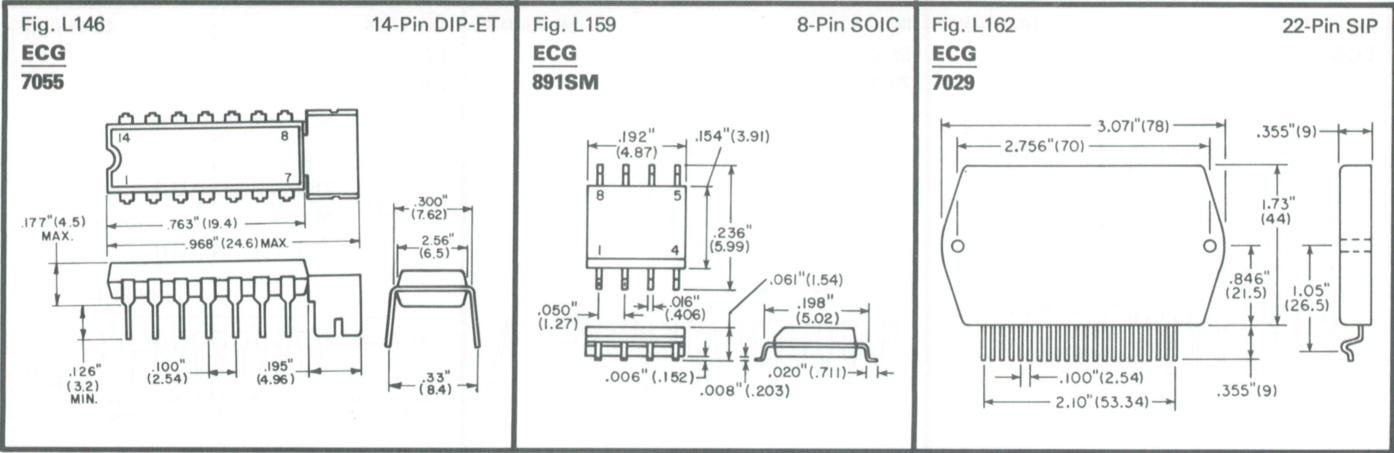
Fig. L126C

52-Pin DIP

ECG
7054 7060



IC and Module Outlines (cont'd)



Cross Reference – Additions/Changes

09-302166 through 2SD2251

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
09-302166	2347	2N2657	2347	2SA564ATAORS	290A	2SC213	2347	2SC3312R	2361	2SC4123	2353	2SD79D	2347/427
029-PE	2347	2N2658	2347	2SA564TAOR	290A	2SC214	2347	2SC3370	92	2SC4124	2353	2SD425/2SB555(MCP)	281MCP
082-1(NAP-IC)	815	2N2849	2347	2SA719TAQR	290A	2SC215	2347	2SC3449	2348	2SC4125	2353	2SD558	2351
082-2(NAP-IC)	815	2N2849-1	2347	2SA909	68	2SC223	2347	2SC3449L	2348	2SC4131	2353	2SD601AQRW	2408
082-3(NAP-IC)	815	2N2850	2347	2SA933SRN	290A	2SC224	2347	2SC3449M	2348	2SC4138	2311	2SD638PQR	18
082-4(NAP-IC)	815	2N2850-1	2347	2SA940-R-E(LB-SAN-5)	398	2SC225	2347	2SC3450	2348	2SC4139	2311	2SD797	387
0847TOR402	15020	2N2851	2347	2SA1216	59	2SC234	2347	2SC3450L	2348	2SC4199	2354	2SD797-Q	387
0847TR2501	15019	2N2851-1	2347	2SA1262(Audio)	242	2SC235	2347	2SC3450M	2348	2SC4199A	2354	2SD797-Y	387
0IT0820000A	7068	2N2852	2347	2SA1310	2362	2SC235-O	2347	2SC3458	2348	2SC4232	2348	2SD811	2310
1-806-672-11	7055	2N2852-1	2347	2SA1310R	2362	2SC235V	2347	2SC3458K	2348	2SC4235	2348	2SD882PM	184
1A0013	2347	2N2853	2347	2SA1333	93	2SC291	2347	2SC3458L	2348	2SC4236	2348	2SD1142	389
1A02100-01A	2343	2N2853-1	2347	2SA1386	2306	2SC292	2347	2SC3458M	2348	2SC4237	2348	2SD1143	238
1G4B1	5304	2N2854	2347	2SA1488A	292	2SC293	2347	2SC3459	2348	2SC4296	2308	2SD1173	2302
1J4B1	5305	2N2854-1	2347	2SA1492	2329	2SC310	2347	2SC3459K	2348	2SC4297	2308	2SD1174	2302
1N469	5011A	2N2855	2347	2SA1643	378	2SC310B	2347	2SC3459L	2348	2SC4298	2308	2SD1175	2302
1N469A	5011A	2N2855-1	2347	2SA1667	398	2SC310C	2347	2SC3459M	2348	2SC4299	2308	2SD1208	235
1N3506	5005A	2N2856	2347	2SA1670	391	2SC310D	2347	2SC3460	2348	2SC4300	2309	2SD1260	253
1N3507	5006A	2N2856-1	2347	2SA1671	37	2SC310E	2347	2SC3460K	2348	2SC4301	2309	2SD1260A	253
1N3508	5007A	2N2857	2347	2SA1672	37	2SC310F	2347	2SC3460L	2348	2SC4302	2309	2SD1260AR	253
1N3509	5008A	2N2858	2347	2SA1693	391	2SC669A	2347	2SC3460M	2348	2SC4303	2324	2SD1260R	253
1N4086	587	2N2896	2347	2SA1694	37	2SC697	2347/427	2SC3461	2348	2SC4303A	2324	2SD1261	253
1N4933	569	2N2963	2347	2SA1725	55	2SC697A	2347/427	2SC3461L	2348	2SC4309	2348	2SD1261A	253
1N4933GP	569	2N2965	2347	2SA1726	55	2SC697AB	2347/427	2SC3461L	2348	2SC4312	2348	2SD1261AR	253
1N4934	569	2N3055A	284	2SB641-QR	17	2SC697AD	2347/427	2SC3461M	2348	2SC4313	2348	2SD1261R	253
1N4934GP	569	2N3262	2347	2SB641QRS	17	2SC697AE	2347/427	2SC3552	2348	2SC4327	377	2SD1450	2361
1N4935	569	2N3418	2347	2SB641R	17	2SC697AF	2347/427	2SC3552K	2348	2SC4354	51	2SD1456	2302
1N4935GP	569	2N3419	2347	2SB641RS	17	2SC697AH	2347/427	2SC3552L	2348	2SC4355	377	2SD1484K	2410
1N4936	569	2N3420	2347	2SB641S	17	2SC697AI	2347/427	2SC3552M	2348	2SC4381	375	2SD1548	2354
1N4936GP	569	2N3421	2347	2SB709AQRW	2409	2SC697AJ	2347/427	2SC3637	2354	2SC4385	36	2SD1649-CTV-YB	2331
1N4937	569	2N3439S	396	2SB852K	2405	2SC697B	2347/427	2SC3688	2354	2SC4386	36	2SD1706(Audio)	2305
1N4937GP	569	2N3506	2347	2SB897	271	2SC697D	2347/427	2SC3723	2337	2SC4387	2328	2SD1706R(Audio)	2305
1N5059	506	2N3507	2347	2SB937	254	2SC697E	2347/427	2SC3729	2324	2SC4388	2328	2SD1710	2302
1N5059GP	506	2N3831	2347	2SB937A	254	2SC697F	2347/427	2SC3737	2348	2SC4421	2337	2SD1781K	2406
1N5060	506	2N4000	2347	2SB937AR	254	2SC697H	2347/427	2SC3738	2354	2SC4434	2311	2SD1782K	2410
1N5061	506	2N4001	2347	2SB937R	254	2SC697I	2347/427	2SC3796	2348	2SC4442	2337	2SD1791	270
1N5061GP	506	2N4260	395	2SB938	254	2SC697J	2347/427	2SC3796A	2348	2SC4443	2309	2SD1793	270
1N5062	506	2N4394	2347	2SB938A	254	2SC697K	2347/427	2SC3797	2348	2SC4446	390	2SD1795	2716
1N5062GP	506	2N4877	2347	2SB938AR	254	2SC933SRX	290A	2SC3797A	2348	2SC4467	36	2SD1849	2353
1S2222	555A	2N4895	2347	2SB938R	254	2SC1473AQH	399	2SC3798	2348	2SC4494	56	2SD1880	2353
1S2692	555A	2N4896	2347	2SB1050	12	2SC1685TAQR	85	2SC3798A	2348	2SC4495	56	2SD1881	2353
1S2692A	555A	2N4897	2347	2SB1050P	12	2SC1685TAQRS	85	2SC3799	2348	2SC4511	54	2SD1887	2354
1SR77-200	569	2N4924	2347	2SB1050Q	12	2SC1740SRK	85	2SC3799A	2348	2SC4512	54	2SD1959	2354
1SR77-400	569	2N5148	2347	2SB1050R	12	2SC1740SRQ	85	2SC3811	123AP	2SC4517	2339	2SD2014	2326
1SR77-600	569	2N5150	2347	2SB1154(Audio)	2306	2SC1860	2347	2SC3811Q	123AP	2SC4517A	2339	2SD2015	2326
1SS103	555A	2N5152	2347	2SB1154R(Audio)	2306	2SC1860K	2347	2SC3811R	123AP	2SC4518	2337	2SD2024	261
1SS136	519	2N5154	2347	2SB1155(Audio)	2306	2SC1860L	2347	2SC3822	2337	2SC4531	2353	2SD2025	261
1SS137	519	2N5189	2347	2SB1187	378	2SC1860-M	2347	2SC3830	2337	2SC4542	2354	2SD2032	261
1SS138	519	2N5320	2347	2SB1198K	2411	2SC2023	2313	2SC3831	2311	2SC4544	376	2SD2033	375
1T78	56010#	2N5321	2347	2SB1257	262	2SC2073-R-E(LB-SAN-5)	375	2SC3851A	291	2SC4546	2337	2SD2033A	375
1T78	56010#	2N5324	2347	2SB1259	2344	2SC2238-O	375	2SC3853	390	2SC4557	2348	2SD2035	152
1T86	56010#	2N5336	2347	2SB1351	398	2SC2238A0	375	2SC3856	2328	2SC4575	2334	2SD2036	152
1T88	56010#	2N5337	2347	2SB1353	398	2SC2238AY	374	2SC3874	2311	2SC4581	2348	2SD2037	377
1T710	56010#	2N5338	2347	2SB1353A	398	2SC2238B	375	2SC3875S	2408	2SC4622	2312	2SD2038	152
1T715	56010#	2N5339	2347	2SB1355	378	2SC2712GR	2408	2SC3892A	2353	2SC4662	2337	2SD2039	261
1T810	56010#	2N5488	2347	2SB1356	378	2SC3089	2348	2SC3893A	2353	2SC4884	157	2SD2040	54
1T815	56010#	2N5488-1	2347	2SB1357	378	2SC3089L	2348	2SC3897	2354	2SD78	2347	2SD2041	2332
1X1712CE	7010	2N5729	2347	2SB1358	378	2SC3089M	2348	2SC3910	2311	2SD78A	2347	2SD2042	2336
2B1155R(Audio)	2306	2N5734	2347	2SB1359	262	2SC3089N	2348	2SC3927	2348	2SD78B	2347	2SD2043	2343
2N2033	2347	2N5785	2347	2SB1360	55	2SC3090	2348	2SC3945	376	2SD78C	2347	2SD2044	56
2N2034	2347	2N5786	2347	2SB1367	55	2SC3090L	2348	2SC3982	2348	2SD78D	2347	2SD2057LB	2302
2N2347	2347	2N6156	5618	2SB1496	378	2SC3198L	199	2SC3982A	2348	2SD79	2347/427	2SD2081	2343
2N2405	2347	2N6254	284	2SB1512	262	2SC3305	2325	2SC4096	2354	2SD79A	2347/427	2SD2096	152
2N2405L	2347	2N6560	2319	2SB1514	262	2SC3307	2348	2SC4111	2354	2SD79B	2347/427	2SD2140P	36
2N2405S	2347	2SA564ARS	234	2SC106	2347	2SC3312	2361	2SC4122	2331	2SD79C	2347/427	2SD2251	2353

General Cross Reference Section Notes:

- Numbers in () indicates the number of replacement devices required to replace original type.
- / numbers indicate more than one ECG type required for this application.
- (CP) — Complementary Pair.
- When a specific device part number is not listed in the directory, refer to the technical data for the ECG device of that type to find an equivalent replacement.
- When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "EBC" basing.

Additions/Changes

2SD2252 through 1820-2200

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SD2252	2354#	46-133389-3	3092	407-054-4808	5022A	1816-0916	74S288	1820-0989	74179	1820-1412	4556B	1820-1661	4089B
2SD2306	261#	46-133692-3	3092#	407-070-8408	5018A	1816-0917	74S387	1820-0990	74189	1820-1413	4556B	1820-1662	4094B
2SD2307	261#	46-133697-3	3043	407-088-6502	587	1816-0918	74S370	1820-0991	74153	1820-1414	74LS12	1820-1663	4095B
2SK311	2391#	46-121829-3	891M	407-124-5208	587	1816-0919	74S474	1820-1016	74S43B	1820-1415	74LS13	1820-1664	4096B
2SK349	2399	46-861161-3	3099	407-124-5508	587	1816-0931	74S573	1820-1049	74367	1820-1416	74LS14	1820-1665	4099B
2SK350	2394	46-861265-3	558	407-124-5605	587	1816-1032	74S288	1820-1066	74111	1820-1417	74LS26	1820-1668	74LS74A
2SK399	2394#	46-861317-3	5030A	407-124-5803	580	1816-1054	74S454	1820-1079	4501	1820-1418	74LS42	1820-1672	4077B
2SK400	2393#	46-861336-3	5020A	407-124-6404	552	1816-1137	74S287	1820-1081	6880	1820-1419	74LS85	1820-1674	74C30
2SK405	2393#	46-861627-3	2331	409-020-4409	1774	1816-1142	74S474	1820-1113	8553	1820-1420	74LS92	1820-1683	4541B
2SK412	2394	46-861634-3	552	409-042-9000	74LS156	1816-1153	74S288	1820-1114	4516B	1820-1422	74LS123	1820-1688	74LS247
2SK413	2393#	46-861649-3	2361	409-047-5700	1872	1816-1160	74S478	1820-1121	74125	1820-1423	74LS129	1820-1723	74LS138
2SK414	2393#	46-861717-3	577	409-047-8602	1772	1816-1162	74S478	1820-1122	4516B	1820-1424	74LS132	1820-1733	74LS175
2SK527	2389#	46-861718-3	580	409-135-5407	7069	1816-1163	74S474	1820-1123	9334	1820-1425	74LS133	1820-1735	74C42
2SK532	2389#	46-861720-3	5006A	409-146-7001	1863	1816-1174	74S188	1820-1137	9809	1820-1426	74LS145	1820-1735	4001B
2SK549	2390	46-861864-3	586	409-173-2802	7039	1816-1382	74S571	1820-1143	8552	1820-1427	74LS156	1820-1745	4049
2SK551	2388	46-861868-3	5018A	416-1(RCA)	377	1816-1436	74S288	1820-1144	74LS02	1820-1428	74LS158	1820-1746	4049
2SK556	2394	46-862557-3	5047A	445-1(MAG)	123A	1816-1467	74S573	1820-1150	4520B	1820-1429	74LS160A	1820-1747	4011B
2SK557	2394	46-862559-3	5424	554-2(NAP)	399	1816-1468	74S288	1820-1175	4522B	1820-1430	74LS161A	1820-1753	74C74
2SK559	2394#	46-862611-3	145A	554-3(NAP)	399	1816-1482	74S571	1820-1176	4015B	1820-1431	74LS162A	1820-1784	74LS91
2SK560	2394#	46-862612-3	5021A	559-1(NAP)	2393	1816-1556	74S478	1820-1189	4510B	1820-1432	74LS163A	1820-1787	74C74
2SK573	2394#	46-862613-3	5010A	559-2(NAP)	2393#	1816-1572	74S472	1820-1191	74173	1820-1433	74LS164	1820-1795	861
2SK600	2389	46-862614-3	5011A	559-3(NAP)	2393#	1816-1574	74S472	1820-1193	74LS197	1820-1437	74LS221	1820-1806	74C85
2SK641	2394	46-862615-3	5010A	559-5(NAP)	2393	1816-1578	74S288	1820-1194	74LS193	1820-1439	74LS257	1820-1813	4027B
2SK642	2394	46-862616-3	5010A	559-6(NAP)	2393	1816-1655	2107	1820-1195	74LS175	1820-1440	74LS258	1820-1815	4517B
2SK643	2394	46-862633-3	5332	577-1(NAP)	2394	1818-0198	2102	1820-1196	74LS174	1820-1441	74LS283	1820-1821	74LS113
2SK644	2394	46-862634-3	5016A	577-2(NAP)	2394#	1818-0317	2104	1820-1197	74LS00	1820-1442	74LS290	1820-1827	74C154
2SK673	2389#	46-862642-3	5021A	582-2(NAP)	2331	1818-0340	2117	1820-1198	74LS03	1820-1443	74LS293	1820-1828	6889#
2SK674	2389	46-862651-3	5014A	583-2(NAP)	2331	1818-0498	2716	1820-1199	74LS04	1820-1444	74LS298	1820-1845	5629#
2SK682	2394	46-862652-3	5015A	590	8166	1818-0762	2532	1820-1201	74LS08	1820-1447	74LS306A	1820-1858	74LS377
2SK683	2394	46-862653-3	5007A	597-1(NAP)	2353	1818-0794	2716	1820-1202	74LS10	1820-1448	74S09	1820-1859	74LS280
2SK723	2393	46-862796-3	5035A	597-2(NAP)	6240	1818-1396	2117	1820-1203	74LS11	1820-1459	74170	1820-1864	8212
2SK724	2394	46-862857-3	5031A	605-1(NAP-Rect)	6244	1818-1467	2117	1820-1204	74LS20	1820-1463	74390	1820-1874	8556
2SK725	2394#	46-862858-3	2324#	605-2(NAP-Rect)	6244	1818-1559	2164	1820-1205	74LS21	1820-1464	74393	1820-1881	4097B
2SK735	2394	48-00531701	555A	606-1(NAP-Bridge)	5315	1818-1611	2128	1820-1206	74LS27	1820-1465	74490	1820-1884	6887
2SK755	2394#	48-00233A17	555A	606-2(NAP-Bridge)	5315	1818-1633	2732	1820-1207	74LS30	1820-1466	74C174	1820-1885	74LS173
2SK761	2391	50P1S	5570#	610-009-2402	5018A	1818-1648	2732	1820-1208	74LS32	1820-1468	8542	1820-1889	74LS266
2SK762	2391	50P1SF	5575#	614-1(NAP)	67	1818-1721	2732	1820-1209	74LS33	1820-1470	74LS07	1820-1891	74LS00
2SK764	2393#	50P2S	5570#	615-2(NAP)	157#	1818-1747	2764	1820-1210	74LS34	1820-1471	74LS151	1820-1892	74LS367
2SK765	2393#	50P2SF	5575#	616-1(NAP)	186A	1818-1755	2732	1820-1211	74LS86	1820-1472	4539B	1820-1897	4024B
2SK766	2393#	50P3S	5572#	617-1(NAP)	187A	1818-1756	2102	1820-1212	74LS123	1820-1473	74LS13	1820-1898	4021B
2SK767	2385#	50P3SF	5577#	618-1(NAP)	2393	1818-1758	2102	1820-1213	74LS13	1820-1474	6885	1820-1899	4516B
2SK768	2393#	50P4S	5572#	618-2(NAP)	2393#	1818-1888	2532	1820-1214	74126	1820-1478	74LS93	1820-1900	4520B
2SK769	2393#	50P4SF	5577#	618-3(NAP)	2393#	1818-1888	2532	1820-1215	74LS136	1820-1479	4553B	1820-1903	8368
2SK770	2387	50P5S	5572#	619-1(NAP)	157#	1818-1982	2732	1820-1216	74LS138	1820-1483	4071B	1820-1905	74LS260
2SK773	2394	50P5SF	5577#	621-1(NAP)	2394#	1818-1989	2764	1820-1217	74LS151	1820-1485	74C221	1820-1907	4077B
2SK778	2394	50P6S	5572#	621-2(NAP)	2394#	1818-3005	2164	1820-1230	75491B	1820-1486	4081B	1820-1908	4070B
2SK789	2394#	50P6SF	5577#	621-3(NAP)	2394#	1818-3006	2164	1820-1231	75492B	1820-1488	4081B	1820-1909	4075B
2SK790	2394#	50P7SF	5569#	624-1(NAP)	2410	1818-3023	2732	1820-1238	74LS253	1820-1490	74LS90	1820-1910	4073B
2SK806	2387#	50P8S	5574#	624-2(NAP)	2411	1818-3059	2164	1820-1240	74S13	1820-1491	74LS06	1820-1912	4042B
2SK819	2394	50P8SF	5579#	624-3(NAP)	2411	1818-3163	2128	1820-1241	4512B	1820-1492	74LS368	1820-1914	74LS174
2SK825	2394#	50P10S	5574#	624-4(NAP)	2411	1818-3163	2128	1820-1242	74LS15	1820-1493	4020B	1820-1917	74LS240
2SK829	2394#	57C5-28(MCP)	159MCP	646-1(RCA)	868	1818-3308	4256	1820-1244	74LS153	1820-1495	4040B	1820-1918	74LS241
2SK859	2393	60F-159-2	523/3306	646-2(RCA)	868	1818-3383	2732	1820-1245	74LS155	1820-1496	4027B	1820-1922	74LS166
2SK867	2393	60F-159-3	523/3306	672(NAP-IC)	999	1818-3483	2164	1820-1246	74LS09	1820-1497	4013B	1820-1930	4078B
2SK867A	2394	74LS364N	74LS364	686-1(NAP-IC)	7066	1820-0081	9911	1820-1250	74136	1820-1501	4042B	1820-1931	4068B
2SK869	2394#	78M06C	962	713-1(NAP-IC)	891M	1820-0158	924	1820-1251	74LS196	1820-1502	4015B	1820-1932	4538B
2SK873	2394	78M08C	964	713-2(NAP-IC)	891M	1820-0162	909	1820-1254	74365	1820-1504	4016B	1820-1936	4093B
2SK876	2394	78M15C	968	733-1(RAM)	2102	1820-0213	9411	1820-1255	74366	1820-1506	4024B	1820-1937	4094B
2SK896	2387#	78M24C	972	761-1(NAP-IC)	1852	1820-0214	7442	1820-1258	74178	1820-1508	4017B	1820-1956	4042B
2SK1331	2394#	95KUB001015AM	292#	845-1(NAP-IC)	7054	1820-0216	9411M	1820-1259	74179	1820-1512	4028B	1820-1958	4016B
3H81-00050-001	966	95KUBA0036MZ	2326	845-2(NAP-IC)	4256	1820-0217	9411M	1820-1260	74221	1820-1514	4014B	1820-1959	4508B
3H82-00020-000	966	95KUBD0115AZ	5011A	867-1(NAP-IC)	1799	1820-0308	9945	1820-1262	74290	1820-1515	4556B	1820-1960	4012B
3H82-00030-003	54	95KUBD0128AZ	5027A	876-1(NAP-IC)	7039	1820-0346	9933	1820-1264	74293	1820-1516	4555B	1820-1961	4023B
3H83-00050-000	1754	95KUBD0429BZ	5011T1	903-65	110A	1820-0350	9961	1820-1265	4527B	1820-1518	74S00	1820-1962	4028B
3H84-00040-004	376	95KUBDASCR6B	5011A	903-734	519	1820-0374	74H21	1820-1271	74143	1820-1519	9663	1820-1963	4013B
4-602-57	129MCP	95KUBDASCR6B	5011A	903-830	116	1820-0427	973	1820-1272	74LS28	1820-1520	4027B	1820-1964	4027B
5KQ30	6083	98M23C1318-R1	289A	903-864	519	1820-0439	9961	1820-1273	74LS28	1820-1521	4050B	1820-1965	4025B
5KQ40	6083	98M23C1318-R1	289A	903-864	519	1820-0443	74LS32	1820-1274	74LS22	1820-1525	4008B	1820-1970	4071B
8-719-901-13	5313	100-1A(RCA)	2343	903-970	5312	1820-0450	74196	1820-1276	74LS194A	1820-1526	4028B	1820-1975	74LS165
8-729-802-09	2348	103-322	5071A	903-978	519	1820-0460	7400	1820-1277	74LS192	1820-1527	4022B	1820-1976	4050B
8-749-920-57	7073	103S07-120	7066	903-977	586	1820-0467	7401	1820-1278	74LS191	1820-1544	4076B	1820-1987	74LS299
8-749-920-81	7066	105DE6601B	7065	903-1022	5010T1	1820-0468	7445	1820-1279	74LS190	1820-1546	4052B	1820-1989	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1820-2206	74LS640	1820-3545	80C96	1826-0348	990	1826-1292	922M	4822-209-10248	4013B	4835-130-47001	5021A	4835-209-87168	858M
1820-2210	74C00	1820-3546	74HC299	1826-0353	951	1826-1299	960	4822-209-10263	4052B	4835-130-47025	379#	4835-209-87177	950
1820-2211	74C04	1820-3564	74HC174	1826-0354	924	1826-1315	825	4822-209-30165	950	4835-130-47035	2336	4835-209-87179	4053B
1820-2212	74C04	1820-3567	40194B	1826-0355	955M	1826-1326	701B	4822-209-30171	960	4835-130-47068	2363	4835-209-87181	74HC00
1820-2213	74C32	1820-3609	4048B	1826-0357	937	1826-1328	778A	4822-209-30175	1819	4835-130-47083	489	4835-209-87248	3105
1820-2215	74C373	1820-3673	74HC704	1826-0373	955M	1826-1343	999M	4822-209-30185	960#	4835-130-47092	2393#	4835-209-87252	977
1820-2216	74C374	1820-3630	74HC240	1826-0391	941	1826-1352	1720	4822-209-60826	961#	4835-130-47097	2331	4835-209-87259	960#
1820-2220	4076B	1820-3664	74HC700	1826-0393	956	1826-1383	1913	4822-209-60853	7047	4835-130-47112	2407	4835-209-87261	834
1820-2222	4094B	1820-3673	74HC123	1826-0396	968	1826-1387	964	4822-209-60955	1567	4835-130-47116	2407	4835-209-87262	928M
1820-2223	4032B	1820-3674	74HC125	1826-0399	829	1826-1398	857M	4822-209-60956	7051	4835-130-47124	2394	4835-209-87263	834
1820-2224	4038B	1820-3692	74HC4053	1826-0410	859	1826-1439	955M	4822-209-62059	1854M	4835-130-47127	2418	4835-209-87264	615A
1820-2225	4041	1820-3694	74L174	1826-0411	4535B	1826-1448	1722	4822-209-62099	1862	4835-130-47128	2418	4835-209-87268	1766
1820-2226	4045B	1820-3696	74LS132	1826-0412	943M	1826-1471	879	4822-209-62941	964#	4835-130-47129	2408	4835-209-87271	1716
1820-2228	4044B	1820-3719	4051B	1826-0418	967	1826-1499	1908	4822-209-71463	4555B	4835-130-47137	85	4835-209-87274	960#
1820-2229	4512B	1820-3785	74HC163	1826-0419	876	1826-1506	834	4822-209-71489	1657	4835-130-47139	2337	4835-209-87275	958#
1820-2230	4047B	1820-3789	74HC574	1826-0428	1720	1826-1507	1722	4822-209-71776	7050	4835-130-47142	2408	4835-209-87277	4052B
1820-2231	4031B	1820-3790	74HC573	1826-0431	2055	1826-1551	919D	4822-209-71901	977	4835-130-47145	2407	4835-209-87283	966#
1820-2232	4034B	1820-3837	74LS164	1826-0433	937M	1826-1569	1720	4822-209-72368	7061	4835-130-47147	2409	4835-209-87338	969
1820-2233	4090B	1820-3839	74508	1826-0434	964	1826-1572	943SM	4822-209-72491	1634	4835-130-47173	159	4835-209-87406	1789
1820-2237	74LS132	1820-3840	74502	1826-0435	966	1826-1577	1761	4822-209-72804	815	4835-130-47225	2337	4835-209-87544	977
1820-2244	74LS379	1820-3847	74HC139	1826-0436	961	1826-1584	922M	4822-209-73037	1819	4835-130-47226	253	4835-209-87552	1906
1820-2257	80C97	1820-3857	74HC139	1826-0445	972	1826-1600	961	4822-209-73712	7050	4835-130-47227	2337	4835-209-87561	1617
1820-2258	40174B	1820-3849	74HC1373	1826-0449	965	1826-1601	999SM	4822-209-73954	967#	4835-130-47232	19	4835-209-87668	977
1820-2264	4040B	1820-3866	4052B	1826-0456	953	1826-1602	955SM	4822-209-80401	778A	4835-130-47235	85	4835-209-87675	891M
1820-2265	4008B	1820-3940	74HC12174	1826-0464	968	1826-1622	859SM	4822-209-80591	956	4835-130-47238	12#	4835-209-87692	74LS221
1820-2268	74LS645	1820-3952	74LS161A	1826-0465	954	1826-1627	858SM	4822-209-80775	955M	4835-130-47247	290A	4835-209-87721	74HC166
1820-2274	2087	1820-3953	74574	1826-0484	953	1826-1636	857SM	4822-209-80808	968	4835-130-47251	21	4835-209-87744	7043
1820-2275	74C90	1820-3954	74LS123	1826-0486	4052B	1826-1643	999SM	4822-209-80891	960	4835-130-47252	153#	4835-209-87748	7042
1820-2279	40175B	1820-3956	74LS32	1826-0491	937M	1826-1651	927D	4822-209-81726	966	4835-130-47253	85	4835-209-87763	987
1820-2304	74LS22	1820-4152	74HC139	1826-0492	938M	1826-1659	919D	4822-209-82056	966	4835-130-47256	20	4835-209-87793	1902A
1820-2305	74LS123	1820-4166	40163B	1826-0501	4053B	1826-1775	834	4822-209-82569	4066B	4835-130-47258	2355#	4835-209-87801	1729
1820-2309	74C923	1820-4208	74HC397	1826-0502	4066B	1826-1811	858SM	4835-130-37001	5021T1	4835-130-47265	13	4835-209-87821	977
1820-2330	4068B	1820-4253	75189	1826-0515	924	1826-1813	928SM	4835-130-37005	5069A	4835-130-47266	56#	4835-209-87826	7044
1820-2331	4078B	1820-4572	74LS253	1826-0519	857M	1826-1822	1681	4835-130-37007	5011T1	4835-130-47269	2419	4835-209-87827	969
1820-2346	74LS221	1820-4840	9615	1826-0521	858M	1826-1862	858SM	4835-130-37008	5013T1	4835-130-47271	290A	4835-209-87834	1765
1820-2351	7438	1820-4944	1749	1826-0522	859	1826-1887	1888	4835-130-37015	5068A	4835-130-47272	290A	4835-209-87835	1852
1820-2369	74LS629	1820-4648	74LS374	1826-0523	1911	1826-1893	978SM	4835-130-37017	5010A	4835-130-47275	85	4835-209-87837	7054
1820-2383	4569B	1820-4649	74LS245	1826-0524	987	1826-1915	941M	4835-130-37031	5019T1	4835-130-47278	261#	4835-209-87846	891M
1820-2384	74LS399	1820-6563	74LS164	1826-0527	967	1826-1933	963	4835-130-37037	5019T1	4835-130-47353	2357	4835-209-87851	1771
1820-2444	4562B	1820-6571	1853	1826-0534	966	1826-2005	937M	4835-130-37109	580	4835-130-47397	2358	4835-209-87852	1855
1820-2460	74LS169A	1820-6828	1690	1826-0546	927	1826-2035	2057	4835-130-37137	5018A	4835-130-47422	294	4835-252-27003	15020
1820-2462	4513B	1820-7679	74LS163A	1826-0555	947	1826-2043	1942	4835-130-37138	5077A	4835-130-47424	290A	4835-252-27005	15021
1820-2464	74LS163A	1820-7679	74LS163A	1826-0557	948	1826-2044	1942	4835-130-37139	5077A	4835-130-47425	290A	4835-209-87016	930
1820-2473	2085	1826-0013	941	1826-0559	924	1826-2161	864	4835-130-37143	5019T1	4835-130-47428	2357	5082-2811	584
1820-2487	4056B	1826-0021	924	1826-0565	1729	2057A100-69(MCP)	290ACAP	4835-130-37144	5018A	4835-130-47429	85	5101L-1	65101
1820-2536	74LS352	1826-0026	922	1826-0586	988	3052V	1934X	4835-130-37146	519	4835-130-47433	382	5322-130-24081	5466#
1820-2537	74C244	1826-0035	938	1826-0592	928	3283-00160-000	1895	4835-130-37147	587	4835-130-47435	85	5322-130-30684	116
1820-2538	74C240	1826-0041	914	1826-0599	4566B	4822-130-30842	177	4835-130-37148	5332	4835-130-47436	85	5322-130-31504	5005A
1820-2540	74C925	1826-0043	937	1826-0611	928M	4822-130-31253	5000A	4835-130-37149	588	4835-130-47439	2358	5322-130-31971	580
1820-2566	74C240	1826-0045	1171	1826-0617	968	4822-130-31274	3007	4835-130-37151	552	4835-130-47441	2361	5322-130-32184	588
1820-2571	4569B	1826-0059	922M	1826-0620	971	4822-130-31393	552	4835-130-37153	116	4835-130-47442	290A	5322-130-33635	5072A
1820-2576	74LS22	1826-0065	922M	1826-0626	971	4822-130-31456	5019T1	4835-130-37159	519	4835-130-47461	2361	5322-130-34781	580
1820-2579	74LS27	1826-0068	976	1826-0631	970	4822-130-31607	587	4835-130-37212	519	4835-130-47462	85	5322-130-34563	5002A
1820-2580	74LS02	1826-0078	908	1826-0637	1720	4822-130-31878	116	4835-130-37216	5006A	4835-130-47471	2359#	5322-130-34574	116
1820-2581	74LS08	1826-0081	918	1826-0640	887M	4822-130-31933	125	4835-130-37217	5007A	4835-130-47476	157#	5322-130-41899	969
1820-2582	74LS04	1826-0090	941	1826-0649	967	4822-130-31981	5007A	4835-130-37218	5008A	4835-130-47477	290A	5322-130-41981	2408
1820-2583	74LS00	1826-0099	966	1826-0655	1508	4822-130-32213	588	4835-130-37222	5013T1	4835-130-47478	2362	5322-130-41982	2408
1820-2584	74LS38	1826-0100	947D	1826-0666	834	4822-130-32472	3010	4835-130-37223	5014A	4835-130-47479	2359	5322-130-41983	2409
1820-2585	74LS32	1826-0106	968	1826-0667	857M	4822-130-32478	5014A	4835-130-37226	5015A	4835-130-47481	2415	5322-130-42012	2409
1820-2586	7416	1826-0111	778A	1826-0678	937	4822-130-32574	519	4835-130-37229	555	4835-130-47486	2414	5322-130-42363	263
1820-2587	74LS163	1826-0112	1014	1826-0681	937	4822-130-32699	5022A	4835-130-37231	5022A	4835-130-47487	2415	5322-130-42363	263
1820-2588	4080B	1826-0120	992	1826-0688	928	4822-130-32778	519	4835-130-37232	5025A	4835-130-47502	378#	5322-130-44413	373
1820-2600	96LS02	1826-0122	962	1826-0682	823	4822-130-33861	519	4835-130-37239	552	4835-130-47503	107	5322-130-44786	253
1820-2605	74C73	1826-0123	1915	1826-0690	1911	4822-130-34174	5009A	4835-130-37254	593	4835-130-47525	54#	5322-130-44926	264
1820-2606	74C76	1826-0128	921	1826-0709	740A	4822-130-34195	5022A	4835-130-37256	596	4835-130-47536	398#	5322-130-60068	159
1820-2622	74LS624	1826-0139	778A	1826-0712	858M	4822-130-34281	5024A	4835-130-37273	5016A	4835-130-47537	375#	5322-130-60268	185
1820-2641	74LS374	1826-0141											

Additions/Changes

32167-208-520 through 482213040912

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
32167-208-520	587	250222	5010T1	612761	1852	482213020014	5465	482213030787	125	482213031059	125	482213040357	123AP		
32167-208-530	552	293559-0001	2102	482213020016	5465	482213030789	606	482213031062	116	482213040358	161	482213040358	161		
32167-301-830	552	307566	517	482213020031	5465	482213030798	116	482213031063	177	482213040359	154	482213040359	154		
32167-401-630	5021T1	439233(Chrysler)	7072	482213020033	5404	482213030799	125	482213031064	177	482213040361	199	482213040361	199		
32167-401-870	5004A	530205	555A	482213020037	5465	482213030802	5021T1	482213031066	5342	482213040362	229	482213040362	229		
32169-201-230	580	530205-1	555A	482213020039	6408	482213030803	116	482213031069	5018A	482213040367	159	482213040367	159		
32169-201-240	580	530205-2	555A	482213020041	5404	482213030805	5018A	482213031071	519	482213040368	1271	482213040368	1271		
32199-901-200	1895	530205-5	555A	612845-0001	4256	482213030806	5038A	482213031072	519	482213040369	159	482213040369	159		
35682-104-620	1895	530299-2	116	612845-1	4256	482213020043(GAK)	5405	482213030813	110MP	482213031073	116	482213040376	229		
35684-114-010	376	530313-1	553	612867	1799	482213020047	5404	482213030821	552	482213031074	116	482213040376	229		
35684-116-010	708	530313-2	553	612867-1	1799	482213020048	5405	482213030822	116	482213031075	109	482213040384	109		
35684-117-710	708	530362-2	3092	612867-1	1799	482213020051	312	482213030823	580	482213031077	110MP	482213040385	160		
40348	324	530605-0001	6240	612874	74HCT163	482213020055	5465	482213030828	116	482213031078	611	482213040391	199		
70001AB	1396	530605-0002	6244	612874-0001	74HCT163	482213030006	109	482213030829	116	482213031082	580	482213040392	158		
70011AB(FORD)	7053	530605-1	6240	612874-1	74HCT163	482213030009	519	482213030831	519	482213031085	3057	482213040405	102A		
87401(NAP-IC)	74HCT163	530605-2	6244	612876	7039	482213030069	581	482213030834	5003A	482213031087	552	482213040408	103A + 102A(CP)		
93304-2	9932	530606	5315	612876-1	7039	482213030071	519	482213030835	519	482213031088	116	482213040428	158		
121661(MCP)	129MCP	530606-0001	5315	612922	858SM	482213030072	519	482213030836	519	482213031089	5023A	482213040429	159		
147455	555A	530606-0002	5315	612922-0001	858SM	482213030082	5011T1	482213030839	552	482213031096	5021A	482213040437	160		
148999	377	530606-1	5315	612922-0001	858SM	482213030083	177	482213030841	519	482213031097	5031A	482213040441	160		
149251	377	530606-1	5315	700010FABCBC	396	482213030084	109	482213030842	177	482213031108	3004	482213040445	85		
155892	501A	610162-0007	398	923395	555A	482213030085	109	482213030843	600	482213031109	3007	482213040449	130		
156372	123AP	610162-0008	375	1415780-004	5353A	482213030088	109	482213030845	610	482213031111	5012A	482213040453	154		
162038	891M	610417-1	2313	1415780-4	5351A	482213030123	5010T1	482213030846	109	482213031114	116	482213040454	161		
164253	2360	610445	123A	1415780-6	5351A	482213030124	125	482213030847	519	482213031116	601	482213040456	158		
164589	580	610445-0001	123A	1417416-1	377	482213030131	5010T1	482213030848	519	482213031118	553	482213040457	154		
164752	891SM	610445-1	123A	1465345-2	1174	482213030132	5011T1	482213030849	5812	482213031124	156	482213040459	229		
171033-4(MCP)	153MCP	610485	265	1465646-4	868	482213030134	5011T1	482213030852	519	482213031125	125	482213040461	229		
171418-2	152	610485-1	265	198755-2	519	482213030135	5011T1	482213030853	3020	482213031173	525	482213040474	103A		
175910	7036	610554-0001	31	2003255	1910	482213030138	109	482213030855	3020	482213031174	116	482213040476	159		
177471	128P	610554-0002	399	2917803	1778	482213030139	109	482213030857	177	482213031201	552	482213040477	159		
177619	7022	610554-0003	399	4230880	1803	482213030142	5011T1	482213030859	5013T1	482213031253	5000A	482213040492	161		
179603	85	610554-2	399	4233315	1851	482213030143	5013T1	482213030862	5018A	482213031274	3007	482213040508	106		
179864	891M	610554-3	399	4391879(Chrysler)	7050	482213030145	5021T1	482213030865	581	482213031393	552	482213040514	85		
179866	4021B	610559	2393	4393273	1802	482213030152	109	482213030868	552	482213031607	587	482213040515	199		
180872	116	610559-0001	2393	5190507A14	7044	482213030163	5013T1	482213030869	110MP	482213031878	116	482213040522	159		
180873	5318	610559-0002	2393	7502601(MCP)	290AMCP	482213030169	125	482213030871	519	482213031882	116	482213040522	159		
181696	891M	610559-0003	2393	6288903	587	482213030189	109	482213030872	116	482213031981	5007A	482213040524	130		
181829	7032	610559-0005	2393	63509167	15009	482213030191	109	482213030873	581	482213032213	588	482213040525	159		
183107	3099	610559-0006	2393	64015451	3098	482213030192	125	482213030874	580	482213032472	3010	482213040527	159		
184150	928SM	610559-1	2393	64016180	2337	482213030193	5011T1	482213030875	558	482213032574	519	482213040531	616		
184854	519	610559-2	2393	539090700	5067A	482213030195	125	482213030876	552	482213032699	5022A	482213040536	165		
185878	555A	610559-3	2393	539090710	5072A	482213030197	116	482213030877	580	482213032778	519	482213040537	184		
189315	2354	610559-5	2393	875910582	1676	482213030203	110MP	482213030878	5135A	482213033861	519	482213040614	159		
190951	891SM	610559-6	2393	1714180002	152	482213030209	109	482213030881	613	482213034026	616	482213040615	290A		
191300	152	610577	2394	4120922220	555A	482213030221	110MP	482213030882	116	482213034048	606	482213040617	130MP		
192135	7037	610577-0001	2394	5302050001	555A	482213030223	109	482213030883	5302A	482213034049	606	482213040635	160		
192272	928S	610577-0002	2394	5302050002	555A	482213030224	109	482213030884	109	482213034121	116	482213040637	130MP		
192902	943M	610577-1	2394	5302050005	555A	482213030225	109	482213030885	3020	482213034145	5038A	482213040645	373		
193057	2343	610577-2	2394	5302990002	116	482213030226	109	482213030887	610	482213034167	5013T1	482213040648	131MP		
194566	7036	610582-0001	2331	5302991002	116	482213030227	125	482213030888	116	482213034173	5011T1	482213040657	229		
195769	891SM	610582-0002	2331	5303130001	553	482213030228	125	482213030889	5016A	482213034174	5009A	482213040661	154		
196211	5077A	610582-2	2331	5303130002	553	482213030229	109	482213030891	116	482213034195	5022A	482213040664	373		
196212	5084A	610583-0002	2331	5303260004	580	482213030232	109	482213030893	519	482213034197	5021T1	482213040665	374		
197323	5071A	610583-2	2331	5303291100	5019T1	482213030239	109	482213030895	581	482213034198	5010T1	482213040679	159		
197372	519	610597	2353	5303291519	5010T1	482213030242	5013T1	482213030897	116	482213034278	5014A	482213040701	160		
197374	5071A	610597-0001	2353	5303620002	3092	482213030247	5013T1	482213030898	125	482213034281	5024A	482213040704	374 + 373(CP)		
197591	5424	610597-0002	2353	5306050001	6240	482213030256	552	482213030901	5010T1	482213034287	5010T1	482213040708	199		
197782	891M	610597-0003	2353	5306050002	6240	482213030259	552	482213030902	5010T1	482213034288	5010T1	482213040712	199		
197879	1716	610597-1	2353	5306060001	5315	482213030261	125	482213030907	5018A	482213034488	5020A	482213040716	159		
198538	15023	610597-2	2353	5306060002	5315	482213030261	167	482213030911	5125A	482213034499	5029A	482213040718	159		
198590	580	610597-3	2353	5390190060	5013A	482213030264	135A	482213030912	3022	482213034522	580	482213040732	123AP		
198591	5010T1	610614	67	5391100630	555A	482213030265	519	482213030913	611	482213034633	125	482213040739	229		
198592	5019T1	610614-0001	67	6104170001	2313	482213030266	519	482213030914	3007	482213034651	3024	482213040741	229		
198593	5009A	610614-1	67	6104450001	123A	482213030269	519	482213030915	3020	482213040052	160	482213040756	229		
198600	5036A	610615-0002	157	6104850001	265	482213030271	519	482213030918	3010	482213040061	123AP	482213040758	123AP		
198603	5013T1	610615-2	157	6105540002	399	482213030273	125	482213030919	125	482213040077	160	482213040762	323		
200227	177	610616	186A	6105540003	399	482213030281	168	482213030920	3010	482213040083	160	482213040764	127		
200792	7030	610616-1	186A	6105540004	399	482213030283	109	482213030923	3010	482213040084	199	482213040765	94		
200805	7031	610617	187A	610554900											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
482213040918	184	482213041091	332MCP	482213041273	552	482213090347	3098	483513037143	5019T1	483513037561	552	483513047202	51
482213040919	184	482213041092	184	482213041275	125	482215763366	3007	483513037144	5018A	483513037563	598	483513047204	2310
482213040921	185	482213041093	185MCP	482213041276	281MCP	482217700319	109	483513037145	519	483513037566	5020A	483513047205	128P
482213040923	102A	482213041094	298	482213041279	2310	482220910223	4077B	483513037146	519	483513037567	125	483513047206	51
482213040924	159	482213041095	123AP	482213041281	271	482220910246	4018T	483513037147	5020A	483513037568	5020A	483513047207	32
482213040925	123AP	482213041096	199	482213041282	271	482220910263	4052B	483513037148	5332	483513037571	5404	483513047208	2302
482213040926	159	482213041097	374	482213041286	199	482220911157	1853	483513037149	588	483513037572	5016A	483513047209	2315
482213040927	159	482213041098	159	482213041287	199	482220930165	950	483513037151	552	483513037573	558	483513047211	54#
482213040928	199	482213041099	108	482213041288	377	482220930171	960	483513037153	116	483513037574	125	483513047213	123AP
482213040929	229	482213041101	123AP	482213041289	378	482220930175	1819	483513037154	506	483513047001	5021A	483513047214	159
482213040932	289A	482213041103	159	482213041291	90	482220930185	960#	483513037155	552	483513047025	379#	483513047215	2318#
482213040934	290A	482213041106	288	482213041293	87	482220960826	961#	483513037156	552	483513047035	2336	483513047216	2318#
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482213040938	123AP	482213041114	152	482213041299	290A	482220962059	1854M	483513037161	5033A	483513047052	123AP	483513047226	253
482213040939	199	482213041119	125	482213041301	88	482220962369	1862	483513037162	519	483513047053	159	483513047227	2337
482213040941	159	482213041124	159	482213041302	42	482220962941	964#	483513037163	580	483513047054	159	483513047232	19
482213040942	159MCP	482213041125	210	482213041303	373	482220970295	2057	483513037164	5316	483513047055	123AP	483513047233	19
482213040943	332MCP	482213041126	108	482213041304	90	482220970705	1854M	483513037165	139A	483513047058	48	483513047234	159
482213040945	229	482213041127	199	482213041305	375	482220971463	4555B	483513037169	5025A	483513047059	399	483513047235	85
482213040946	159MCP	482213041128	185	482213041306	85	482220971489	1657	483513037172	519	483513047081	2302	483513047235(T0-126)	374
482213040947	123AP	482213041129	185	482213041307	229	482220971773	1773	483513037173	1773	483513047082	199	483513047236	159
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482213040951	161	482213041132	159	482213041309	383	482220972076	1854M	483513037177	116	483513047086	2407	483513047243	2358
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482213040953	123AP	482213041135	234	482213041318	290A	482220972368	1061	483513037182	125	483513047088	2393	483513047247	290A
482213040955	229	482213041136	374	482213041319	85	482220972491	1634	483513037184	519	483513047089	199	483513047251	21
482213040956	130	482213041137	199	482213041322	85	482220972544	2057	483513037185	525	483513047071	123AP	483513047252	153#
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482213040958	123AP	482213041139	382	482213041324	85	482220972587	1854D	483513037187	5152A	483513047073	399	483513047256	20
482213040959	123AP	482213041141	373	482213041505	290A	482220972804	815	483513037188	587	483513047076	85	483513047259	2355#
482213040961	123AP	482213041142	312	482213041521	85	482220973037	1866	483513037192	5011T1	483513047081	294	483513047261	16
482213040962	159	482213041144	153MCP	482213041594	123AP	482220973356	7011	483513037193	5021T1	483513047083	489	483513047263	2418
482213040963	123AP	482213041145	185	482213041646	298	482220973392	7050	483513037194	580	483513047084	2406	483513047265	379#
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482213040965	123AP	482213041148	199	482213041782	238	482220980383	1566	483513037197	5806	483513047087	2407	483513047269	2419
482213040966	159	482213041149	281	482213041803	399	482220980401	778A	483513037202	588	483513047088	2401	483513047271	290A
482213040968	287	482213041151	284	482213042054	184	482220980444	1566	483513037203	5019T1	483513047089	291	483513047272	290A
482213040969	154	482213041152	457	482213042077	2361	482220980571	926	483513037212	519	483513047091	31	483513047275	85
482213040971	165	482213041153	254	482213042231	159	482220980587	987	483513037216	5006A	483513047092	2393#	483513047278	261#
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482213040973	159	482213041155	285	482213042371	25	482220980775	955M	483513037218	5008A	483513047096	2401	483513047291	2419
482213040976	454	482213041156	123A	482213042489	52	482220980782	74LS74A	483513037219	5013T1	483513047097	2312	483513047293	123AP
482213040978	153MCP	482213041157	123A	482213042593	2358	482220980808	968	483513037223	5014A	483513047099	399	483513047294	283
482213040979	159	482213041161	123A	482213042675	2406	482220980818	928M	483513037226	5015A	483513047101	54	483513047323	165
482213040981	123AP	482213041162	85	482213042683	2357	482220980891	960	483513037228	586	483513047102	159	483513047324	196
482213040982	152	482213041163	123AP	482213044037	154	482220980925	1187	483513037229	552	483513047103	159	483513047325	197
482213040983	153	482213041164	229	482213044104	159	482220980933	1439	483513037231	5025A	483513047104	159	483513047326	49
482213040984	389	482213041168	222	482213044108	154	482220981118	1580	483513037232	5025A	483513047105	171	483513047327	395
482213040985	94	482213041169	152	482213044121	123AP	482220981194	1231A	483513037233	586	483513047106	395	483513047328	54
482213040986	331	482213041171	293	482213044154	229	482220981726	966	483513037235	519	483513047107	331	483513047329	55
482213040987	336	482213041172	159	482213044155	159	482220981926	762	483513037239	552	483513047108	331	483513047330	398
482213040988	296	482213041173	159	482213044195	229	482220982055	968	483513037245	5019T1	483513047109	332	483513047332	69
482213040989	159	482213041174	199	482213044196	199	482220982569	4066B	483513037254	593	483513047111	2318	483513047336	54#
482213040991	123AP	482213041175	199	482213044197	159	482220983115	1852	483513037256	596	483513047112	2407	483513047337	159
482213040992	159	482213041176	290A	482213044246	199	482220983237	7002	483513037273	5016A	483513047113	383	483513047338	397
482213040993	159	482213041177	199	482213044256	159	482221100859	5305	483513037277	147A	483513047114(CEB)	229	483513047342	2343
482213040994	123AP	482213041178	107	482213044257	123AP	482227203800	125	483513037279	5081A	483513047115	382	483513047343	382
482213040995	185	482213041179	199	482213044283	383	482227209287	158	483513037283	586	483513047116	2407	483513047344	2315
482213040996	165	482213041181	199	482213044358	159	4822281370066	109	483513037287	519	483513047117	216	483513047345	2406
482213040997	247	482213041182	246	482213044421	153	483513037089	3351	483513037289	5081A	483513047118	2318#	483513047346	5404B
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482213040999	159	482213041184	123AP	482213044465	152	483513027002	56008	483513037292	5016A	483513047121	198	483513047349	13
482213041001	123AP	482213041185	123A	482213044484	159	483513027004	5466	483513037294	519	483513047122	2324	483513047351	91
482213041002	263	482213041186	128	482213044503	159	483513037001	5021T1	483513037295	525	483513047123	2388	483513047352	2355
482213041003	262												

Additions/Changes

483513047677 through 933198140112

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
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483513047678	378#	483520987077	968	532213030295	581	532213040732	123AP	93300550112	125	933061210112	5006A
483513047705	399	483520987079	928M	532213030302	5021T1	532213040758	123AP	93300550112	166	933061640112	160
483513047706	2353	483520987081	778A	532213030303	519	532213040759	123AP	93300600112	168	933061650112	160
483513047708	2407	483520987082	1219	532213030323	519	532213040782	154	933006010112	125	933061940112	125
483513047719	398#	483520987085	1798	532213030324	5011T1	532213040822	159	933006030112	501T1	933063020112	125
483513047722	2361	483520987086	7067	532213030326	50062B	532213040823	123AP	933006030112	131MCP	933063390112	130AP
483513047723	2361	483520987089	7066	532213030346	5021T1	532213040824	374	93300710112	102A	933063390112	229
483513047744	399	483520987091	1858	532213030349	168	532213040835	123AP	93301270112	158	933063400112	229
483513047746	2414	483520987094	1845	532213030358	5013T1	532213040855	123AP	93301330112	123AP	933063410112	229
483513047749	2414	483520987097	4001B	532213030366	519	532213040855	123AP	93301330112	123AP	933063470112	519
483513047751	2406	483520987105	4066B	532213030391	109	532213040899	969	933002310112	160	933063530112	116
483513047757	289A	483520987111	15009	532213030402	5019T1	532213040981	2408	933003270112	160	933063720112	159
483513047759	399	483520987112	928SM	532213030414	166	532213040982	2408	933002420112	126A	933065720112	616
483513047761	2330	483520987113	928SM	532213030521	168	532213040983	2409	933002470112	160	933067630112	123AP
483513047762	2302#	483520987121	3098	532213030571	519	532213042012	2409	93300250112	126A	933067640112	123AP
483513047764	184	483520987122	3105#	532213030574	125	532213042363	263	93300250112	160	933067650112	123AP
483513047765	290A	483520987125	964	532213030576	125	532213042701	263	933002580112	160	933067660112	229
483513047769	2393	483520987131	7031	532213030578	501T1	532213044025	123AP	933002690112	160	93306770112	160
483513047771	233	483520987136	1771	532213030581	5013T1	532213044051	159	933002730112	160	933068830112	199
483513047785	290A	483520987137	1834	532213030592	519	532213044049	130	933002880112	154	933069930112	199
483513057003	5458	483520987149	3098	532213030593	109	532213044101	123AP	933002900112	108	933069940112	123AP
483513057031	5011T1	483520987151	1628	532213030613	519	532213044102	159	93300291112	229	933069950112	123AP
483513087016	3017	483520987168	858M	532213030621	519	532213044103	123AP	93300292112	229	933069970112	123AP
483513087029	3099	483520987177	950	532213030659	116	532213044104	159	933002930112	161	933069980112	199
483513087076	5404	483520987179	4053B	532213030664	613	532213044108	154	9330030112	103A + 102A(CP)	933069990112	123AP
483513087121	3098	483520987181	74HC00	532213030668	558	532213044112	159	93300310112	103A + 102A(CP)	933070520112	159
483513087132	1808	483520987248	3105	532213030684	116	532213044113	123AP	933003271000	166	933070530112	159
483513087136	1742	483520987252	977	532213030702	519	532213044117	229	93300330112	166	933073470112	159
483513087137	1834	483520987259	960#	532213030715	109	532213044119	159	933004000112	109	933076010112	159
483513087149	3098	483520987261	834	532213030746	613	532213044121	123AP	933004010112	109	933076020112	159
483513087263	290A	483520987262	928M	532213030759	5011T1	532213044124	154	933004020112	519	933076030112	159
483513087328	1676	483520987263	834	532213030765	5006A	532213044128	580	933004050112	109	933076450112	125
483513087358	1630	483520987264	615A	532213030766	5013T1	532213044133	123AP	933004140112	109	933076510112	159
483513087406	1789	483520987268	1766	532213030767	5010T1	532213044134	159	933004160112	109	933076760112	159
483513097005	3041	483520987271	1716	532213030769	613	532213044135	123AP	933004240112	519	933080260112	130AP
483513097006	3092	483520987274	960#	532213030774	5019T1	532213044136	123AP	933004240112	164	933080260112	130AP
483513097016	774	483520987275	958	532213031504	5005A	532213044141	159	93300630112	164	933080390112	5465
483513097017	535	483520987277	4052B	532213031971	580	532213044143	123AP	933006700000	610	933081330112	85#
483513097018	557	483520987283	966#	532213032184	588	532213044148	123AP	933008640112	177	933081980112	519
483513097042	3092	483520987284	739	532213033885	580	532213044152	123AP	933008650112	177	933082220112	130
483513737001	5006A	483520987285	742	532213034026	616	532213044153	159	933008740112	168	933083760112	130MP
483514887073	549	483520987286	815	532213034028	5010T1	532213044154	229	93300880112	5010T1	933083990112	519
483514887074	556	483520987287	778A	532213034048	5003A	532213044155	199	933008820112	5011T1	933084480112	116
483520917011	74HC153	483520987289	7426	532213034049	606	532213044156	159	93300882112	5011T1	933084540112	199
483520917028	4538B	483520987291	7405	532213034069	5021T1	532213044157	123AP	933084990112	159	933084540112	199
483520917029	973	483520987292	7426	532213034121	116	532213044164	246	933084990112	5011T1	933084990112	159
483520917032	859	483520987298	1380	532213034122	5038A	532213044195	229	93308880112	5011T1	933085010112	159
483520917033	4053B	483520987301	4052B	532213034145	5038A	532213044197	229	93308890112	5013T1	933087330112	166
483520917038	774	483520987324	7011	532213034167	5013T1	532213044198	199	93308940112	5013T1	933090810112	159
483520917043	4013B	483520987338	969	532213034173	5011T1	532213044199	159	933090910112	5021T1	933091160112	373
483520917055	74LS123	483520987356	7013	532213034197	5021T1	532213044212	123AP	93309120112	5021T1	933091170112	374
483520917057	927	483520987402	1776	532213034233	5010T1	532213044232	383	93309270112	5021T1	933091180112	373
483520917058	1846	483520987406	1789	532213034287	519	532213044246	199	93309280112	5011T1	933091190112	373
483520917091	976	483520987552	1906	532213034297	5015T1	532213044256	159	93309280112	5011T1	933091210112	374
483520917092	801	483520987612	1674	532213034323	580	532213044256	159	93309340112	5019T1	933091210112	374
483520917094	1785#	483520987668	977	532213034395	109	532213044257	123AP	93309360112	5021T1	933091210112	374
483520917095	7406	483520987675	891M	532213034458	552	532213044458	159	93309360112	5021A	933091210112	374
483520917096	280	483520987682	74LS123	532213034458	552	532213044458	159	93309360112	5021A	933091210112	374
483520917097	4016B	483520987721	74HC164	532213034448	552	532213044263	552	933010458101	159	933091210112	374
483520917098	4016B	483520987744	7043	532213034465	5013T1	532213044283	383	933010458101	159	933091210112	374
483520917101	829	483520987748	7042	532213034465	5013T1	532213044287	165	933010458101	159	933091210112	374
483520917103	1439	483520987763	987	532213034522	580#	532213044289	123AP	933010458101	159	933091210112	374
483520917104	1416	483520987793	1902	532213034542	5019T1	532213044291	123AP	933010458101	159	933091210112	374
483520917105	1445	483520987803	1729	532213034563	5002A	532213044298	123AP	93301230112	154	933091210112	374
483520917106	1231A	483520987821	977	532213034574	116	532213044299	199	933012540112	581	933091210112	374
483520917107	1203	483520987826	7044	532213034574	116	532213044301	123AP	933012700112	519	933091210112	374
483520917108	1623	483520987892	966	532213034582	3023	532213044323	123AP	933012700112	519	933091210112	374
483520917111	1567	483520987834	1765	532213034688	519	532213044332	185	933020660112	229	933091210112	374
483520917112	1741	483520987835	1852	532213034694	3020	532213044346	159	93302380112	103A	933091210112	374
483520917113	1740	483520987837	7054	532213034754	613	532213044358	159	93302520112	552	933091210112	374
483520917116	1804	483520987846	891M	532213035754	613	532213044413	373	93302580112	85#	933091210112	374
483520917122	820	483520987851	1771	532213040061	123AP	532213044421	153	93302600112	154	933091210112	374
483520917123	1374	483520987852	1855	532213040132	130	532213044438	153	93302600112	154	933091210112	374
483520917124	797	483525227003	15020	532213040135	130	532213044461	123AP	93302600112	154	933091210112	374
483520917125	4094B	483525227005	15021	532213040144	199	532213044465	152	93302600112	154	93309121	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
933198530112	153	933266909112	3011	933452010112	2343	933589680212	2408	933778360689	891M	APT4065BN	2394◆	BSX62D	2347
933198540112	152	933268830012	379	933452010127	2343	933589680215	2408	933781490112	7001	APT4080BN	2394◆	BSX63	2347
933198550112	153	933268861012	3020	933452020012	2343	933589690115	2408	933790240412 (CBE)	199	APT4550BN	2394◆	BSX63-10	2347
933198560112	153MCP	933269040002	2313	933452020112	2343	933589690212	2408	933804630112	1803	APT4585BN	2394◆	BSX63B	2347
933198570112	153 + 152MCP	933269040112	2313	933452020127	2343	933589701215	2409	933804710112	1804	APT5050BN	2394◆	BSX63C	2347
933198770112	229	933269040127	2313	933452030112	2343	933589710115	2409	933813760112	1803	APT5085BN	2394◆	BSX64-10	2347
933198780112	229	933269050112	2313	933452030127	2343	933589710156	2409	933825880112	7018	BO320440	7064	BTX10-600B	5645
933201326682	891M	933269050127	2313	933460490112	281MCP	933589710212	2409	933826380112	2057	BO347230	834	BTX16-600B	5671
933202303112	165	933279990112	552	933460500112	280 + 281(CP)	933589710215	2409	933826390112	1786	BO376795	7068	BTX16-400B	5671
933202304112	165	933300041012	116	933460620112	593	933589720112	2409	933828460112	1785	B641-QR(Trans)	17	BTX16-600B	5671
933202360112	165	933300047012	3010	933460620115	593	933589720212	2409	933831560682	964	B641-QRS(Trans)	17	BTX16-700B	5671
933202380112	116	933300600112	960	933460620212	593	933589720215	2409	933833960112	1786	B641-R(Trans)	17	BTX16-800B	5671
933202420112	116	933318480112	3025	933460620215	593	933589730112	2409	933839810112	1804	B641-S(Trans)	17	BU426AF	2310◆
933202620112	159	93332030112	308	933460620235	1566	933589730212	2409	933840470112	1804	B641-S(Trans)	17	BU426S	2310◆
933202750112	152	9333203012	308	933466830112	125	933589730215	2409	933841490112	1804	B709AQRW(Trans)	2409	BU508ADF	2318◆
933202760112	153	933320340112	3010	933466830112	125	933589800112	2409	933846880112	1786	B852K(Trans)	2405	BU508DF	2318◆
933203020112	615A	933321740112	184	933470050112	580◆	933589800212	2409	933851440112	1804	B897	271◆	BU508F	2300◆
9332030520112	123AP	933321780112	185 + 184(CP)	933471020112	7001	933589800215	2409	933851520112	1803	B937(Trans)	254◆	BU902F	2300◆
9332030540112	159	933323740112	3074	933473540112	395	933589830112	2409	933851890112	7072	B937A(Trans)	254◆	BU903F	2300◆
933206490112	153MCP	933324060112	3007	933473540412	395	933589830212	2409	933852210112	1804	B937AR(Trans)	254◆	BU908F	2300◆
933206600112	287	933324070112	3010	933473640112	281MCP	933589830215	2409	933852270112	1786	B937R(Trans)	254◆	BU2508A	2354
933206680112	552	933326260112	2341	933475350112	229	933597990112	2392	933852280112	2057	B938(Trans)	254◆	BU2508AF	2354◆
933207520112	123AP	933326260116	2341	933475360112	229	933597990112	2392	93385270112	2057	B938(Trans)	254◆	BU2508DF	2353
933207530112	123AP	933326260126	2341	933475360112	229	933597990112	2392	933852760112	2057	B938AR(Trans)	254◆	BU2520A	2354◆
933207540112	123AP	933326630112	2341	933489960112	1292	933599800112	2384	933861740112	1802	B938R(Trans)	254◆	BU2520AF	2354◆
933207550112	123AP	933326630116	2341	933489960112	1292	933599800112	2384	933861740112	1802	B938R(Trans)	254◆	BU2520DF	2353
933207570112	199	933326630112	2341	933489960112	1292	933599800112	2384	933861740112	1802	B938R(Trans)	254◆	BUK427-500A	2393◆
933208180112	552	933326640112	2341	933500070112	580	933630150112	1852	933870610112	1802	B1050Q(Trans)	12◆	BUK427-500B	2393◆
933208190112	558	933326640126	2341	933500140115	580	933637510112	4538B	933871501012	1802	B1050R(Trans)	12◆	BUK428-500A	2393◆
933208390112	519	933326650112	2342	933500150113	580	933639420112	2318	933872770112	1804	B1154(Audio)	2306◆	BUK428-500B	2393◆
933208400112	519	933326650116	2342	933500170113	580	933639420113	2318	933872780112	1785	B1154R(Audio)	2306◆	BUK437-400A	2394◆
933208410112	519	933326660112	2342	933500180113	580	933639420127	2318	933874690112	1853	B1155(Audio)	2306◆	BUK437-400B	2394◆
933215280112	165	933326670112	2342	933502020112	592	933644250112	2426	933874700112	1853	B1187(Trans)	378◆	BUK437-500A	2394
933215920112	610	933326670126	2342	933502020115	592	933644250115	2426	933876150112	7001	B1198K(Trans)	2411	BUK437-500B	2394
933217360112	5465	933327590112	2310	933502020212	592	933644260112	2426	933876150112	7001	B1198K(Trans)	2411	BUK445-60B	2389◆
933220000112	331	933328340112	125	933502020215	592	933644260115	2426	933889010112	2057	B1259(Trans)	262◆	BUK445-60A	2389◆
933220010112	332	933329800112	49	933502030112	592	933644270112	2426	933901220112	519	B1351(Trans)	2344◆	BUK445-60B	2389◆
933220110112	5812	933330240112	968	933502030115	592	933644270115	2426	933902930112	1802	B1353(Trans)	398◆	BUK445-400A	2391◆
933220340112	3010	933347730212	2403	933502030212	592	933644280112	2427	933902940112	1850	B1353A(Trans)	398◆	BUK445-400B	2391◆
933220870112	5465	933347730215	2403	933502030215	592	933644280115	2427	933902950112	1850◆	B1355(Trans)	378◆	BUK445-400B	2391◆
933221930112	382	933352670112	199	933502040112	592	933644290112	2427	933902960112	1850	B1356(Trans)	378◆	BUK455-60A	2389
933221940112	382	933352690112	199	933502040115	592	933644290115	2427	933906220112	1802	B1357(Trans)	378◆	BUK455-60B	2389
933221950112	383	933360870112	519	933502040212	592	933644300112	2427	933910450112	1802	B1358(Trans)	378◆	BUK474-400A	2391◆
933221960112	383	93363710112	253 + 254(CP)	933502040215	592	933644300115	2427	933916550112	7072	B1358(Trans)	262◆	BUK474-400B	2391◆
933221970112	383	93363710112	253 + 254(CP)	933502040215	592	933644300115	2427	933916550112	7072	B1360(Trans)	262◆	BUK474-800A	2387◆
93322250112	165	93363650112	263 + 264(CP)	933507950652	4538B	933647980112	4538B	9339211300112	1754	B1367(Trans)	55◆	BUK474-800B	2387◆
933222510112	165	933636500112	123AP	933507950699	4538B	933647980603	4538B	9339213300112	2057	B1512(Trans)	262◆	BUK475-60A	2389◆
933222520112	165	933636500112	123AP	933508370112	2406	933655140113	580	933921340112	2057	B1514(Trans)	262◆	BUK475-60B	2389◆
93322640112	383 + 382(CP)	933636500112	123AP	933508370115	2406	933655150113	580	933923430112	2057	BA178	555A	BUK475-600A	2387◆
93322650112	383	933636500112	123AP	933508370212	2406	933655160113	580	933926830112	7050	BA178M05	960	BUK475-600B	2387◆
933226510112	383	933636500112	123AP	933508370215	2406	933655160115	2406	933928000112	7051	BA182	555A	BUK476-800A	2387◆
933226520112	383	933636500112	123AP	933508380112	2406	933655160212	2412	933929250112	1852	BA482	555A	BUK476-800B	2387◆
933226530112	383	933636500112	123AP	933508380212	2406	933655160215	2412	9339352100112	1802	BA483	555A	BUK476-800B	2387◆
933226540112	383	933636500112	123AP	933508380215	2406	933655160215	2412	9339352100112	1802	BA484	555A	BUK476-800B	2387◆
933226550112	383	933636500112	123AP	933508380235	2406	933655160215	2412	9339352100112	1802	BA485	555A	BUK476-800B	2387◆
933226560112	383	933636500112	123AP	933508390212	2407	933655170112	2407	9339352100112	1802	BA486	555A	BUK476-800B	2387◆
933226570112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA487	555A	BUK476-800B	2387◆
933226580112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA488	555A	BUK476-800B	2387◆
933226590112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA489	555A	BUK476-800B	2387◆
933226600112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA490	555A	BUK476-800B	2387◆
933226610112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA491	555A	BUK476-800B	2387◆
933226620112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA492	555A	BUK476-800B	2387◆
933226630112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA493	555A	BUK476-800B	2387◆
933226640112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA494	555A	BUK476-800B	2387◆
933226650112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA495	555A	BUK476-800B	2387◆
933226660112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA496	555A	BUK476-800B	2387◆
933226670112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA497	555A	BUK476-800B	2387◆
933226680112	383	933636500112	123AP	933508390215	2407	933655170215	2407	9339352100112	1802	BA498	555A	BUK476-800B	2387◆
933226690112	383	933636500112	123AP	933508390215	2407	933655170215	2407	93393521					

Additions/Changes

BYT52G through MJW16018

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BYT52G	569◆	C3460K(Trans)	2348	D78C(Trans)	2347	F5KQ40	6083◆	GZS4 7	5009A	K310(FET)	2391	KTC2120-Y(TR)	268A
BYT52J	569◆	C3460K(Trans)	2348	D78C(Trans)	2347	F10K030	6083◆	GZS5 1	5010A	K311(FET)	2391◆	KTC2212S	2408
BYT85/600	598	C3460M(Trans)	2348	D79B(Trans)	2347/2427	F10K040	6083◆	GZS5 1Y	5010T1	K346(FET)	2390	KTC3203	382
BYT86/600	598	C3461	2348	D79A	2347/2427	F113A	552	GZS5 6	5011A	K349(FET)	2394	KTC3879	2408
BYV12	569◆	C3461K(Trans)	2348	D79B	2347/2427	F113B	552	GZS5 6Y	5011T1	K350(FET)	2394	KTD880A	152
BYV13	569◆	C3461L(Trans)	2348	D79C	2347/2427	F113D	552	GZS6 2	5013T1	K399(FET)	2394◆	KTD2012	377
BYV14	569◆	C3461M(Trans)	2348	D79D	2347/2427	F113E	552	GZS6 2Y	5013T1	K400(FET)	2393◆	L298	7071
BYV95	569◆	C3481(Trans)	2302◆	D558(Trans)	2348	F113F	552	GZS6 2Z	5013T1	K405(FET)	2393◆	L298K	7071
BYV95A	569◆	C3552(Trans)	2348	D601AQRW(Trans)	2351	F114B	552	GZS10	5019T1	K412(FET)	2394	L298KV	7071
BYV95B	569◆	C3552K(Trans)	2348	D638PQR(Trans)	18	F114D	552	GZS10Z	5019T1	K413(FET)	2393◆	L298N	7071
BYV95C	569◆	C3552L(Trans)	2348	D797	387◆	F114F	552	GZS12	5021	K414(FET)	2393◆	L298V	7071
BYW29E-100	597	C3552M(Trans)	2348	D797-Q	387◆	FDH400	587	GZS12Z	5021T1	K427(FET)	2389◆	L7809	1910
BYW29E-150	597	C3637(Trans)	2354	D797-Y	387◆	FDH444	587	GZS13	5022A	K532(FET)	2389◆	L7905CV	961
BYW29E-200	597	C3688(Trans)	2354	D811	2310◆	FESF16AT	599◆	H614-9	517◆	K549(FET)	2390	L7908CV	965
BYW52	580	C3723(Trans)	2337	D882PM(Trans)	184	FESF16BT	599◆	H843-2	517◆	K551(FET)	2388	L7912CV	967
BYW53	580	C3729(Trans)	2324	D1138(Trans)	375	FESF16CT	599◆	H2612-8	517	K556(FET)	2394	L7915CV	969
BYW55	506	C3737(Trans)	2348	D1142(Trans)	389	FESF16DT	599◆	H2612-10	517	K557(FET)	2394	L7918CV	959
BYW56	506	C3738(Trans)	2354◆	D1143(Trans)	238	FF023800	527A	H2612-12	517	K559(FET)	2394◆	L7924CV	971
BYW82	580	C3796(Trans)	2348	D1173(Trans)	2302◆	FF023900	527A	HA1397	7040	K560(FET)	2394◆	LA4182	1667
BYW83	580	C3796A(Trans)	2348	D1174(Trans)	2302◆	FR302G	588	HA1397	7040	K561(FET)	2394◆	LA4182	1667
BYW84	580	C3797(Trans)	2348	D1177(Trans)	2302◆	FSF307566	588	HA17324F	9875M	K800(FET)	2389	LA4461N	1391
BYW85	577	C3797A(Trans)	2348	D1208(Trans)	2335	GBL005	5318◆	HA17324FP	9875M	K641(FET)	2394	LA7222	7066
BYW86	577	C3798(Trans)	2348	D1260(Trans)	253◆	GBL01	5318◆	HA17324P	987	K642(FET)	2394	LA7510	7067
BYW95	569◆	C3798A(Trans)	2348	D1260A(Trans)	253◆	GBL02	5318◆	HEFA0948P	40948	K643(FET)	2394	LA7670	7054
BYW95A	569◆	C3799(Trans)	2348	D1260AR(Trans)	253◆	GBL04	5319◆	HEFA4521BP	4521B	K644(FET)	2394	LA7835-TV	1855
BYW95B	569◆	C3799A(Trans)	2348	D1260R(Trans)	253◆	GBL06	5319◆	HEP590	8165	K673(FET)	2389◆	LA7838	7039
BYW95C	569◆	C3811(Trans)	123AP◆	D1261(Trans)	253◆	GBL08	5320◆	HEPC6091	8165	K674(FET)	2389	LA7851	7062
BYX82	580	C3811Q(Trans)	123AP◆	D1261A(Trans)	253◆	GBL10	5320◆	HEP-C6091G	8165	K682(FET)	2394	LA7852	7063
BYX83	580	C3811R(Trans)	123AP◆	D1261AR(Trans)	253◆	GBPC35-005	5320◆	HVRP12-10	517◆	K735(FET)	2394	LM3393S	1718
BYX84	580	C3897(Trans)	2337	D1282K(Trans)	2410	GBPC12-01	5322◆	HVRP12-10	517◆	K735(FET)	2388◆	LM341ACZ	999
BYX85	506	C3830(Trans)	2337	D1450(Trans)	2361	GBPC12-02	5322◆	HVRP12-12	517◆	K761(FET)	2394	LM709H	909
BYX86	506	C3831(Trans)	2311◆	D1456	2302	GBPC12-04	5324◆	HVRP12-12	517◆	K762(FET)	2391	LM833D	8915M
BZX79A5V1	5010T1	C3851A(Trans)	291◆	D1484K(Trans)	2410	GBPC12-06	5326◆	HVRP12-12	517◆	K764(FET)	2393◆	LM833M	8915M
BZX79A5V6	5011T1	C3853(Trans)	390◆	D1548(Trans)	2354	GBPC12-08	5327◆	HVRP15-08	542	K764(FET)	2393◆	LM833N	8915M
BZX79A6V2	5013T1	C3856(Trans)	2328	D1706(Audio)	2305◆	GBPC15-005	5322◆	HVRP15-10	542	K767(FET)	2385◆	LM1877-9	990
BZX79A10	5019T1	C3874(Trans)	2311◆	D1706R(Audio)	2305◆	GBPC15-005	5322◆	HVRP15-12	542	K767(FET)	2385◆	LM1877N-9	990
BZX79A12	5021T1	C3892A(Trans)	2353	D1710(Trans)	2302	GBPC15-01	5322◆	HVRP15-12	542	K767(FET)	2385◆	LM2907N	995
BZX79B5V1	5010T1	C3893A(Trans)	2353	D1781K(Trans)	2406	GBPC15-02	5322◆	HVR-1X-41A	517	K769(FET)	2393◆	LM2907N-8	995M
BZX79B5V6	5011T1	C3893B(Trans)	2354◆	D1791(Trans)	270◆	GBPC15-04	5324◆	HVR-3B	544	K770(FET)	2387◆	LM3325E-15	4256
BZX79B6V2	5013T1	C3910(Trans)	2311◆	D1791(Trans)	270◆	GBPC15-06	5326◆	HVR-5A	544	K783(FET)	2394	LN31GPHL	3024
BZX79F10	5019T1	C3927(Trans)	2348	D1793(Trans)	270◆	GBPC15-08	5327◆	HVR5A	544	K788(FET)	2394	LQ6025	5679◆
BZX79F12	5021T1	C3945(Trans)	376◆	D1795(Trans)	2316◆	GBPC25-005	5328◆	HVR5A	544	K789(FET)	2394◆	LT06710R	3074
C93-02	6246◆	C3982(Trans)	2348◆	D1849(Trans)	2353◆	GBPC25-02	5322◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C122E	5466	C3982A(Trans)	2348◆	D1880(Trans)	2353	GBPC25-02	5322◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C122M	5466	C4096(Trans)	2354◆	D1881(Trans)	2353	GBPC25-04	5324◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156A(SCR)	5368◆	C4111(Trans)	2354◆	D1887(Trans)	2354◆	GBPC25-06	5326◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156B(SCR)	5368◆	C4122(Trans)	2331◆	D1959(Trans)	2343◆	GBPC25-08	5327◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156C(SCR)	5368◆	C4123(Trans)	2353◆	D2014(Trans)	2326	GBPC25-10	5344◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156D(SCR)	5368◆	C4124(Trans)	2353◆	D2015(Trans)	2326	GBPC25-10	5344◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156E(SCR)	5368◆	C4125(Trans)	2353◆	D2024(Trans)	261	GBPC35-005	5340◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C156M(SCR)	5368◆	C4131(Trans)	2305◆	D2032(Trans)	261◆	GBPC35-02	5340◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C213(Trans)	2347	C4138(Trans)	2311◆	D2032(Trans)	261◆	GBPC35-04	5342◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C214(Trans)	2347	C4139(Trans)	2311◆	D2033(Trans)	375◆	GBPC35-06	5342◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C215(Trans)	2347	C4199(Trans)	2354◆	D2033A(Trans)	375◆	GBPC35-08	5344◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C223(Trans)	2347	C4199A(Trans)	2354◆	D2035(Trans)	152◆	GBPC35-10	5344◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C224(Trans)	2347	C4232(Trans)	2348◆	D2036(Trans)	152◆	GBPC101	5312	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C225(Trans)	2347	C4235(Trans)	2348◆	D2037(Trans)	377◆	GBPC102	5313	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C234(Trans)	2347	C4236(Trans)	2348◆	D2038(Trans)	152◆	GBPC104	5315	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C235(Trans)	2347	C4237(Trans)	2348◆	D2039(Trans)	261◆	GBPC106	5317	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C235-Q(Trans)	2347	C4297(Trans)	2308◆	D2041(Trans)	2332◆	GBPC108	5316	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C235Y(Trans)	2347	C4297(Trans)	2308◆	D2041(Trans)	2332◆	GBPC110	5317	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C291(Trans)	2347	C4298(Trans)	2308◆	D2042(Trans)	2336◆	GBPC601	5312	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C292(Trans)	2347	C4299(Trans)	2309◆	D2043(Trans)	2343◆	GBPC602	5313	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C293(Trans)	2347	C4300(Trans)	2309◆	D2044(Trans)	56◆	GBPC604	5314	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C310(Trans)	2347◆	C4301(Trans)	2309◆	D2081(Trans)	2343◆	GBPC606	5315	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C458(Trans)	2348	C4302(Trans)	2309◆	D2096(Trans)	152◆	GBPC608	5316	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C669(Trans)	2347	C4303(Trans)	2324	D2251(Trans)	2353	GBPC610	5317	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C669A(Trans)	2347	C4303A(Trans)	2324	D2252(Trans)	2354◆	GBPC802	5313◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697(Trans)	2347/427	C4306(Trans)	2348◆	D2307(Trans)	261◆	GBPC804	5314◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697A(Trans)	2347/427	C4312(Trans)	2348◆	D2307(Trans)	261◆	GBPC806	5315◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AB(Trans)	2347/427	C4313(Trans)	2348◆	D93013001B	5084A	GBPC808	5316◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AD(Trans)	2347/427	C4327(Trans)	377◆	DFERC04-02F	125	GBPC810	5317◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AE(Trans)	2347/427	C4354(Trans)	51◆	DGDSB15C	125	GBPC1005	5312	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AF(Trans)	2347/427	C4355(Trans)	377◆	DGDSF10C	552	GBPC1005	5312	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AH(Trans)	2347/427	C4381(Trans)	375◆	DGGMA01	177	GBPC1005	5312	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AI(Trans)	2347/427	C4385(Trans)	36◆	DGGZ3A30Y	5035A	GBPC8005	5312◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697AJ(Trans)	2347/427	C4386(Trans)	36◆	DM74193N	74193N	GBU4A	5329◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697E(Trans)	2347/427	C4387(Trans)	2337	DMK223	46	GBU4D	5329◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697F(Trans)	2347/427	C4418(Trans)	2337	DSK23	46	GBU4G	5330◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697H(Trans)	2347/427	C4421(Trans)	2337◆	DSK24	46	GBU4J	5330◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697I(Trans)	2347/427	C4434(Trans)	2311◆	DT5708	165	GBU4K	5331◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C697J(Trans)	2347/427	C4445(Trans)	2309◆	DT5709	165	GBU4M	5331◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C893(Trans)	2347/427	C4466(Trans)	390◆	EGCS41	548	GBU4N	5331◆	HVR5A	544	K789(FET)	2394◆	LT06740R	3075
C933SRX(Trans)	290A	C4467(Trans)	36	EGCS47	517	GBU6A	5329◆	HVR5A	544	K789(FET)	2394◆</		

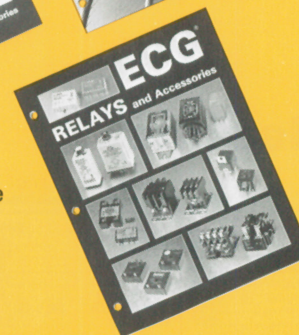
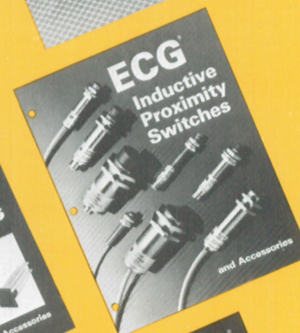
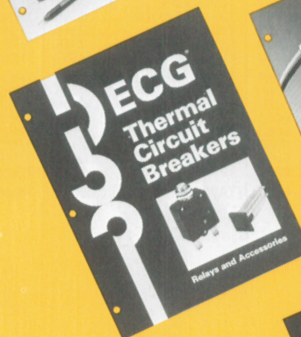
To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MK4027J-4	2104	NJM78M18FA	958#	RG4LFM1	576	SDT5005	2347	SK74C373	74C373	SK10055	1924	SK10208	4989
MK4027N-4	2104	NJM78M24FA	972#	RG300G	580	SDT5006	2347	SK74C374	74C374	SK10058	1941	SK10209	6102
MKP9V120	6419	NJM79L05A	1917	RGPS080	558	SDT5007	2347	SK74C901	74C901	SK10061	778SM	SK10210	6103
MM74C02N	74C02	NJM79L12A	1903	RGPS100	558	SDT5008	2347	SK74C902	74C902	SK10070	922SM	SK10211	6104
MM74C08N	74C08	NJM79L15A	1905	RH-1X1077CEZZ	7058	SDT5009	2347	SK74C903	74C903	SK10073	928SM	SK10212	6105
MM74C10N	74C10	NJM79L18A	1907	RH-1X1078CEZZ	7065	SDT5010	2347	SK74C904	74C904	SK10075	943SM	SK10213	6110
MM74C20N	74C20	NJM79L21A	1909	RH-1X1079CEZZ	7054	SDT5011	2347	SK74C921	74C921	SK10078	944	SK10214	6112
MM74C73N	74C73	NJM79M05A	961	RH-1X1080CEZZ	7010	SDT5012	2347	SK74C923	74C923	SK10080	1709	SK10215	6113
MM74C74N	74C74	NJM79M05FA	961#	RH-DX0214CEZZ	588	SDT5013	2347	SK74C925	74C925	SK10081	1589	SK10216	6115
MM74C76N	74C76	NJM79M06A	963	RH-DX025CEZZ	558	SDT5014	2347	SK74L501	74L501	SK10082	1595	SK10217	6116
MM74C85N	74C85	NJM79M06FA	963#	RH-DX029CEZZ	530#	SDT5015	2347	SK74LS13	74LS13	SK10083	1846	SK10219	6162
MM74C90N	74C90	NJM79M08A	965	RH-DX030CEZZ	558	SDT5503	2347	SK74LS28	74LS28	SK10084	1847	SK10220	6163
MM74C154N	74C154	NJM79M08FA	965#	RH-DZ0009YBEO	544	SDT5504	2347	SK74LS40	74LS40	SK10085	1855	SK10221	6160
MM74C157N	74C157	NJM79M12A	967	RH-EX0002AEZZ	5021T1	SDT5506	2347	SK74LS47	74LS47	SK10086	1886	SK10223	6162
MM74C161N	74C161	NJM79M12FA	967#	RH-EX0022TAZZ	142A	SDT5507	2347	SK74LS48	74LS48	SK10087	1934X	SK10226	6169
MM74C164N	74C164	NJM79M15A	969	RH-EX0024GEZZ	5013A	SDT5508	2347	SK74LS55	74LS55	SK10088	2331	SK10230	6121
MM74C174N	74C174	NJM79M15FA	969#	RH-EX0042TAZZ	5009A	SDT5509	2347	SK74LS145	74LS145	SK10089	2341	SK10232	6125
MM74C175N	74C175	NJM79M18A	959	RH-EX0043TAZZ	5011A	SDT5511	2347	SK74LS148	74LS148	SK10090	2342	SK10233	6131
MM74C192N	74C192	NJM79M18FA	959#	RH-EX0045TAZZ	142A	SDT5512	2347	SK74LS247	74LS247	SK10091	2343	SK10234	6134
MM74C193N	74C193	NJM79M24A	971#	RH-EX0047GEZZ	5009A	SDT5513	2347	SK74LS348	74LS348	SK10092	2344	SK10239	6141
MM74C221N	74C221	NJM79M24FA	971#	RH-EX0049TAZZ	5011T1	SDT5514	2347	SK74LS352	74LS352	SK10093	2341	SK10241	6170
MM74C925N	74C925	NJM4311	999	RH-EX0092CEZZ	5006A	SDT7401	2347	SK74LS353	74LS353	SK10094	2402	SK10242	6172
MM80C97N	80C97	NJM1458	778A	RH-EX0094CEZZ	5021A	SDT7402	2347	SK74LS378	74LS378	SK10095	2402	SK10243	6172
MM80C98N	40098B	NJM2068D	891M	RH-EX0102CEZZ	5011A	SDT7403	2347	SK74LS398	74LS398	SK10096	2403	SK10244	6179
MM2102AN-4L	2102	NJM2068M	891SM	RH-EX0116CEZZ	5014A	SDT7411	2347	SK74LS399	74LS399	SK10097	2406	SK10246	6181
MM3005	2347	NJM3524D	1720	RH-EX0130GEZZ	5009A	SDT7412	2347	SK74LS641	74LS641	SK10098	2407	SK10247	6186
MM3006	2347	NJM4151	890	RH-EX0145CEZZ	5015A	SDT7413	2347	SK74LS642	74LS642	SK10099	2408	SK10252	6152
MM3007	2347	NJM4560D	891M	RH-EX0154CEZZ	5054	SDT7414	2347	SK74LS645	74LS645	SK10100	2409	SK10253	6118
MMBT A05L	2410	NJM7812A	966	RH-EX0162CEZZ	5022A	SDT7415	2347	SK3242	8168	SK10101	2410	SK10254	6118
MMBT A06L	2410	NJM4562D	891M	RH-EX0163GEZZ	5021T1	SDT7416	2347	SK3512	2347	SK10102	2411	SK10255	6117
MMBT A06LT1	2410	NJM4562M	891SM	RH-EX0223CEZZ	5014A	SDT7417	2347	SK4501UB	4501	SK10103	2401	SK10256	6118
MMBT A20L	2406	NJM7805A	960	RH-EX0255CEZZ	5025A	SDT7418	2347	SK4506UB	4506B	SK10104	2404	SK10257	6170
MMBT A55L	2411	NJM7805FA	960#	RH-EX0296CEZZ	5011T1	SDT7419	2347	SK4513B	4513B	SK10105	2405	SK10258	6149
MMBT A56L	2411	NJM7806A	962	RH-EX0397CEZZ	5097A	SDT9001	2347	SK4521B	4521B	SK10106	2412	SK10259	6171
MMBT A56LT1	2411	NJM7806FA	962#	RH-EX0398CEZZ	5013A	SDT9002	2347	SK4522B	4522B	SK10107	2413	SK10260	6172
MMBT A70L	2407	NJM7808A	964	RH-EX0413GEZZ	5022A	SDT9003	2347	SK4526B	4526B	SK10108	2416	SK10261	6174
MOC8020	3045	NJM7808FA	964#	RH-EX0586CEZZ	139A	SDT9004	2347	SK4531B	4531B	SK10109	2417	SK10262	6175
MP5306	46	NJM7812A	966	RH-EX0592CEZZ	142A	SDT9005	2347	SK4539B	4539B	SK10110	2418	SK10265	6101
MPC2005V	1396	NJM7812FA	966#	RH-FX0018CEZZ	3098	SDT9006	2347	SK4547B	4547B	SK10112	2426	SK10266	6101
MPG06D	587	NJM7815A	968	RH-IX1077CEZZ	7058	SDT9007	2347	SK4551B	4551B	SK10113	2427	SK10267	6101
MPN3401	555A	NJM7815FA	968#	RH-IX1078CEZZ	7065	SDT9008	2347	SK4553B	4553B	SK10114	2430	SK10268	6101
MPN-3401	555A	NJM7818A	958	RH-IX1075CEZZ	7054	SDT9009	2347	SK4558B	4558B	SK10115	2431	SK10269	6101
MPS5305	46	NJM7818FA	958#	RH-IX1712CEZZ	7010	SDT9010	2347	SK4562B	4562B	SK10116	2431	SK10271	6131
MPS5307	46	NJM7824A	972	RL850	569	SDT9011	2347	SK4568B	4568B	SK10117	2437	SK10273	159MCP
MPS5308	46	NJM7824FA	972#	RL851	569	SDT9012	2347	SK4569B	4569B	SK10118	2438	SK10274	1542
MPS9634B	123AP	NJM7905A	961	RL852	569	SDT85501	2347	SK4571B	4571B	SK10119	2438	SK10276	2026
MPS9634C	123AP	NJM7906FA	963	RL854	569	SDT85502	2347	SK4597B	4597B	SK10120	2439	SK10278	2049
MPS9634D	123AP	NJM7906A	963	RL856	569	SDT85503	2347	SK4598B	4598B	SK10121	2346	SK10279	2050
MS1002	6083	NJM7906FA	963#	RM-2AVTA	125	SDT85506	2347	SK6634	5618	SK10122	2349	SK10280	2051
MS1003	6083	NJM7908A	965#	RS3F3	552	SDT85507	2347	SK6635	5618	SK10123	2350	SK10281	2052
MS1004	6083	NJM7908FA	965#	RU-2M(V)TA	552	SDT85508	2347	SK7439	7439	SK10124	2357	SK10282	2055
MS1045	6083	NJM7912A	967	RU2N	552	SFC2305	1928	SK9150	555A	SK10125	2358	SK10283	2063
MTG8N50E	2393#	NJM7912FA	967#	RU4B	577	SFR101	569	SK9306	548	SK10126	2380	SK10284	2064
MTG9N50E	2394#	NJM7915A	969	RU4C	577	SFR102	569	SK9762	1748	SK10127	2381	SK10285	2065
MTG14N50E	2394#	NJM7915FA	969#	SS53M	6083	SFR103	569	SK9763	3098	SK10128	2382	SK10286	2070
MTH7N45	2393	NJM7918A	959	SS54M	6083	SFR104	569	SK9770	3092	SK10129	2382	SK10287	2071
MTH7N50	2393	NJM7918FA	959#	S180D	5800	SFR105	569	SK9870	1777	SK10130	2386	SK10288	2072
MTH8N35	2393	NJM7924A	971	S181D	5801	SFR151	569	SK9871	1778	SK10131	2386	SK10289	2073
MTH8N40	2393	NJM7924FA	971#	S380D	5800	SFR152	569	SK9876	1789	SK10132	2390	SK10290	2074
MTH8N45	2393	NSD3020C	6090	S381D	5801	SFR153	569	SK9880	1796	SK10133	2392	SK10291	2075
MTH8N45FP	2393#	NSD3030C	6090	S483T(CEB)	23	SFR154	569	SK9886	1807	SK10134	2322	SK10292	2076
MTH8N50E	2393	NSD3040C	6090	S627T(CEB)	287	SFR155	569	SK9901	1821	SK10136	2324	SK10293	2077
MTH13N45	2394	NSDU01	186A	S628T(CEB)	287	SFR201	569	SK9911	1589	SK10137	2326	SK10294	2078
MTH13N50	2394	NSDU01	187A	S629T(CEB)	287	SFR202	569	SK9926	61MP	SK10138	2327	SK10295	2062
MTP2N25	2391	NSF8A1	581#	S637T	256	SFR203	569	SK9931	93MCP	SK10139	778S	SK10296	2147
MTP2N35	2380	NSF8BT	581#	S690T(CEB)	23	SFR204	569	SK9932	129MCP	SK10140	1871	SK10297	2164
MTP2N40	2380	NSF8DT	581#	S763T	23	SFR205	569	SK9933	153MCP	SK10141	1874	SK10298	2207
MTP3N40	239	NSF8GT	581#	S855AF	2383	SFR301	569	SK9936	590	SK10142	1874	SK10299	2333
MTP10N05	2390	NSQ6025-6	5679	S3010(HEP)	2347	SFR302	569	SK9940	591	SK10143	1839	SK10300	2337
MTP10N06	2390	NSQ6025-6	5679	S3010(HEP)	2347	SFR303	569	SK9943	594	SK10144	1840	SK10301	2339
MTP15N05	2389	NS520	6083	S3011(HEP)	2347	SFR304	569	SK9944	595	SK10145	1841	SK10302	2332
MTP15N06	2389	NS530	6083	S5630	60	SFR305	569	SK9945	1860	SK10146	1843	SK10303	2385
MTP25N05	2389	NS545	6083	S6030	61	SG2011	2011	SK9946	1859	SK10147	1844	SK10304	2387
MTP25N06	2389	P5D(SMD)	593	S6785F	5424#	SG2012	2012	SK9947	1678	SK10148	1848	SK10305	2335
MTP30N05E	2389	P30N05E(FET)	2389	S6785G	5424#	SG2013	2013	SK9948	1685	SK10149	1849	SK10309	284MP
MTP30N06E	2389	P30N06E(FET)	2389	SB820	6083	SG2014	2014	SK9949	1689	SK10150	1850	SK10310	285MCP
MTP45N05E	2389	PA2005	1393	SB830	6083	SG2015	2015	SK9950	1705	SK10151	1852	SK10311	289AMP
MTP8N50E	2393	PBYR735F	6083	SBL1030	6083	SG2801N	2016	SK9951	1710	SK10152	1853	SK10312	290AMP
MTW10N40E	2394#	PBYR740	6083	SBL1040	6083	SG2802N	2017	SK9952	1711	SK10153	1854D	SK10313	292MCP
MTW14N50E	2394#	PBYR740	6083	SBL1040	6083	SG2803N	2018	SK9953	1712	SK10154	1854M	SK10314	293MP
MTZ2 7	5002A	PBYR740F	6083#	SBL2030PT	6087#	SG2804N	2019	SK9954	1713	SK10155	1856	SK10315	297MP
MTZ3 0	5004A	PBYR745	6083	SBL2040PT	6087#	SG2811N	2016	SK9961	2414	SK10156	1857	SK10316	300MP
MTZ3 3	5005A	PBYR745F	6083#	SBLF1030	6083#	SG2812N	2017						

Additions/Changes

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SK10428	5924	SK10505	1896	SR1002	6083	TA7267BP	7064	TG25C3402	2355	UFN611	2391◆	VHIT7348P/-1	1826	VFHIT7348P/-1	1826
SK10429	5925	SK10506	1897	SR1003	6083	TA7267P	7064	TG25D313	152	UFN612	2391◆	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10430	5928	SK10507	1898	SR1004	6083	TA7291S	7043	TG840M	5554◆	UFN613	2391◆	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10431	5929	SK10508	1899	SR1020	6083	TA7299P	1830	TIC253B(T0218)	56033	UFN720	2391	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10432	5932	SK10509	1865	SR1030	6083	TA7805S	960◆	TIC253D(T0218)	56033	UFN721	2391	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10433	5933	SK10510	576	SR1035	6083	TA7806S	962◆	TIC253E(T0218)	56033	UFN722	2391	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10434	6220	SK10511	577	SR1040	6083	TA7808S	962◆	TIC253F(T0218)	56033	UFN723	2391	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10435	6230	SK10512	6241	SR1045	6083	TA7810S	932◆	TIC253G(T0218)	56033	UHV720	597	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10436	5702	SK10513	6247	SRA820	6083	TA7812S	966◆	TIC263D(T0218)	56033	UHV721	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10437	5703	SK10514	879	SRA830	6083	TA7815S	968◆	TIC263E(T0218)	56033	UHV722	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10438	5704	SK10515	999M	SRA840	6083	TA7818S	958◆	TIC263M(T0218)	56033	UHV723	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10439	3170	SK10516	999SM	SRM-8ZG	548	TA7824S	972◆	TIP501	2347	UHV724	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10440	3171	SK10518	3120	SRP100J	569	TA8200AH	7068	TIP502	2347	UHV725	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10441	3181	SK10519	2128	SRP100K	569	TA8200H	7068	TIP541	2347◆	UHV726	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10442	3182	SK10520	1890	SS8050	216	TA8201AK	1832◆	TIPL760A	2333	UHV727	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10443	6362	SK10522	1892	SS8050-B	216	TA8210AH	7041	TIPL760A	2333	UHV728	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10444	6363	SK40098B	40098B	STK3082II	1339◆	TA8210AL	7041◆	TIS98(CBE)	123AP	UHV729	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10445	3169	SK40195B	40195B	STK4034II	7030	TA8211AH	7070	TIS99(CBE)	123AP	UHV730	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10446	3180	SK72390	74390	STK4036II	7030	TA8211H	7070	TI431ACLP	999	UHV731	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10447	9200	SK74141	74142	STK4044II	7031	TA8601B	7065	TL431ACZ	999	UHV732	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10448	9401	SK74143	74143	STK4046X	7032	TA8601BN	7065	TL431CLP	999	UHV733	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10449	955MC	SK74144	74144	STK4046XI	7032	TA8601BN-FA-1	7065	TL431CLPM	999	UHV734	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10450	955SM	SK74147	74147	STK4231II	7029	TA8601BNV	7065	TL431CLPM	999	UHV735	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10451	995M	SK74158	74158	STK5331	7035◆	TA8601CN	7065◆	TLG103	3014A	UHV736	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10452	987SM	SK74173	74173	STK5333	7036	TA8601CN(FA-1)	7065◆	TLG143	3014A	UHV737	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10453	978SM	SK74182	74182	STK5342	7035	TA8654	7058	TLP621-1-GB	3098	UHV738	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10454	978C	SK74221	74221	STK5346	7024	TA8654N	7058	TLP631	3043◆	UHV739	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10455	975SM	SK74251	74251	STK5352	7026	TA8680AN	7010	TM25C1685	85	UHV740	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10456	6809E	SK74290	74290	STK5364	7037	TA8703	7057	TM25C1686	85	UHV741	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10457	6106	SK74293	74293	STK5461	7027	TA8703S	7057	TM341M-L	5638	UHV742	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10458	6107	SK74365	74365	STK5464	7023	TD1013170	289A	TM361M-L	5609◆	UHV743	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10459	5667A	SK74366	74366	STK5468	7028	TD62001P	2011	TM541M-L	5638	UHV744	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10460	5668A	SK74367	74367	STK5468S	7028	TD62002P	2012	TM561M-L	5609◆	UHV745	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10461	5669A	SK74368	74368	STD5474	7074	TD62008BP	2033	TM841M-L	5638	UHV746	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10462	468	SK75454B	75454B	STK5476	7022	TD62008BP-1	2033	TM861M-L	5609◆	UHV747	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10463	469	SKM959A	1V095	STK5477	7034	TD62008BP	2033	TM1041M-L	5645	UHV748	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10464	469	SKM959A	1V095	STK5478	7034	TD62009BP	2033	TM1061M-L	5645	UHV749	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10465	469	SKT240/08	5592	STK6980	7148	TD62010BP	2033	TM1241M-L	56006◆	UHV750	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10466	5620	SKT240/12	5592	STK6981	1748	TD62011BP	2033	TM1261M-L	56008◆	UHV751	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10467	5671	SL608(Diode)	125	STK7348	7025	TD62012BP	2033	TM1641M-L	56016◆	UHV752	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10468	5699	SLB530	6083	STK7358	7033	TD62013BP	2033	TM1641S-L	5671	UHV753	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10469	7000	SLB540	6083	STK7404	7021	TD62014BP	2033	TM1661M-L	56017◆	UHV754	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10470	7001	SM-1A-02FR	569◆	STK7406	7021	TD62015BP	2033	TM1661S-L	5671	UHV755	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10471	7002	SM-1A-02FRA	569◆	STK7408	7021	TD62016BP	2033	TM1661S-L	5671	UHV756	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10472	7003	SM-1A-04FR	569◆	STK7563A	1737◆	TD62017BP	2033	TM1661S-L	5671	UHV757	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10473	7004	SM-1A-04FRA	569◆	STRD3015	1896◆	TD62018BP	2033	TM1661S-L	5671	UHV758	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10474	7005	SM-1A-06FR	569◆	STRD3030	1777◆	TD62019BP	2033	TM1661S-L	5671	UHV759	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10475	7006	SM-1A-06FRA	569◆	STRD3035	1778◆	TD62020BP	2033	TM1661S-L	5671	UHV760	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10476	7007	SM-1XH02	569◆	STRS6301	7073	TD62021BP	2033	TM1661S-L	5671	UHV761	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10477	7008	SM-1XH04	569◆	STRS6301A	7046	TD62022BP	2033	TM1661S-L	5671	UHV762	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10478	7009	SM-1XH06	569◆	STRS6301-LF953	7073	TD62023BP	2033	TM1661S-L	5671	UHV763	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10479	7010	SM-1XH02	569◆	TIP501	2347	TD62024BP	2033	TM1661S-L	5671	UHV764	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10480	7011	SM-1XH04	569◆	TIP502	2347	TD62025BP	2033	TM1661S-L	5671	UHV765	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10481	7012	SM-1XH06	569◆	TIP541	2347◆	TD62026BP	2033	TM1661S-L	5671	UHV766	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10482	7013	SM-1.5-02FR	569	TIPL760A	2333	TD62027BP	2033	TM1661S-L	5671	UHV767	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10483	7014	SM-1.5-04FR	569	TIP502	2347	TD62028BP	2033	TM1661S-L	5671	UHV768	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10484	7015	SM-3-02FR	569◆	T2W80HFX	2348	TD62029BP	2033	TM1661S-L	5671	UHV769	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10485	7016	SM-3-04FR	569	T6W80HFX	2348	TD62030BP	2033	TM1661S-L	5671	UHV770	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10486	7017	SM-3-06FR	569	T6W80HDT	2348	TD62031BP	2033	TM1661S-L	5671	UHV771	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10487	7018	SN74LS47N	74LS47	T6W80HFX	2348	TD62032BP	2033	TM1661S-L	5671	UHV772	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10488	7019	SN74LS48N	74LS48	T9G0041203DH	5598	TD62033BP	2033	TM1661S-L	5671	UHV773	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10489	7020	SN74LS113AN	74LS113	T10W80HDT	2348	TD62034BP	2033	TM1661S-L	5671	UHV774	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10490	1645	SN74LS136N	74LS136	T10W80HFX	2348	TD62035BP	2033	TM1661S-L	5671	UHV775	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10491	1646	SN74LS155AN	74LS155	T63A011790	2407	TD62036BP	2033	TM1661S-L	5671	UHV776	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10492	1647	SP888	7053	T67A1037K0	2409	TD62037BP	2033	TM1661S-L	5671	UHV777	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10493	1766	SR802	6083	T83A028120	2408	TD62038BP	2033	TM1661S-L	5671	UHV778	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10494	1866	SR803	6083	T83A028127	2408	TD62039BP	2033	TM1661S-L	5671	UHV779	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10495	1867	SR804	6083	T83A028140	2408	TD62040BP	2033	TM1661S-L	5671	UHV780	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10496	1868	SR820	6083	T86A	116	TD62041BP	2033	TM1661S-L	5671	UHV781	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10497	1869SM	SR830	6083	T87A02412K	2408	TD62042BP	2033	TM1661S-L	5671	UHV782	598	VHIT7348P/-1	1826	VHIT7348P/-1	1826
SK10498	1869	SR835	6083	T2806B	5633	TD62043BP	2033	TM1661S-L	5671	UHV783	598	VHIT7348P/-1	182		

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